



Independent Statistics & Analysis
U.S. Energy Information
Administration

Petroleum Marketing Monthly

March 2022



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the U.S. Department of Energy or other federal agencies.

Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

Contents

| | |
|--|-----|
| Preface..... | iii |
| Highlights..... | vii |
| Summary Statistics | 1 |
| Crude Oil Prices | 29 |
| Prices of Petroleum Products | 44 |
| Volume of Petroleum Products | 57 |
| Prime Supplier Sales Volumes of Petroleum Products for Local Consumption | 91 |

Tables

| | |
|---|------|
| Table HL1. U.S. refiner prices and volumes of petroleum products | viii |
| Summary Statistics | |
| Table 1. Crude oil prices | 2 |
| Table 1A. Refiner acquisition cost of crude oil by PAD Districts | 4 |
| Table 2. U.S. refiner prices of petroleum products to end users | 6 |
| Table 3. U.S. refiner volumes of petroleum products to end users | 8 |
| Table 4. U.S. refiner prices of petroleum products for resale..... | 10 |
| Table 5. U.S. refiner volumes of petroleum sales for resale | 12 |
| Table 6. U.S. refiner motor gasoline prices by grade and sales type | 14 |
| Table 7. U.S. refiner motor gasoline volumes by grade and sales type | 16 |
| Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type..... | 18 |
| Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type..... | 20 |
| Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type | 22 |
| Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type | 24 |
| Table 16. U.S. refiner residual fuel oil prices | 26 |
| Table 17. U.S. refiner residual fuel oil volumes | 27 |
| Crude oil prices | |
| Table 18. Domestic crude oil first purchase prices | 30 |
| Table 19. Domestic crude oil first purchase prices for selected crude streams..... | 33 |
| Table 20. Domestic crude oil first purchase prices by API gravity | 34 |
| Table 21. F.O.B.[a] costs of imported crude oil by selected country..... | 35 |
| Table 22. Landed costs of imported crude oil by selected country | 36 |
| Table 23. F.O.B.[a] costs of imported crude oil by API gravity | 37 |
| Table 24. Landed costs of imported crude oil by API gravity..... | 38 |
| Table 25. Percentages of imported crude oil by API gravity | 39 |
| Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams | 40 |
| Table 27. Landed costs of imported crude oil for selected crude streams | 41 |
| Prices of petroleum products | |
| Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state | 45 |
| Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state | 49 |
| Table 33. Refiner prices of distillate fuels by PAD District and state..... | 53 |
| Volume of petroleum products | |
| Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state | 58 |
| Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state | 66 |
| Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state..... | 78 |
| Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state | 82 |
| Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state | 86 |
| Table 44. Refiner residual fuel oil and No. 4 fuel volumes by PAD District..... | 90 |
| Prime supplier sales volumes of petroleum products for local consumption | |
| Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state | 92 |
| Table 46. Prime supplier sales volumes of aviation fuels, No. 4 fuel oil, propane, and residual fuel oil by PAD District and state..... | 100 |
| Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state | 104 |

Figures

| | |
|---|----|
| Figure 1. Crude oil prices..... | 3 |
| Figure 2. U.S. refiner retail petroleum product prices | 7 |
| Figure 3. U.S. refiner retail petroleum product volumes | 9 |
| Figure 4. U.S. refiner wholesale petroleum product prices..... | 11 |
| Figure 5. U.S. refiner wholesale petroleum product volumes..... | 13 |
| Figure 7. U.S. refiner residual fuel oil prices..... | 28 |

Highlights

Crude oil

- Monthly average crude oil prices show decreases in all sales categories in December. The average domestic crude oil first purchase price fell \$5.90 (7.7%) to \$70.55 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil decreased \$8.14 (11.5%) to \$62.94 per barrel. The average landed cost of foreign crude oil fell \$8.78 (11.8%) to \$65.62 per barrel.
- The average refiner acquisition cost for domestic crude oil declined \$5.11 (6.4%) to \$74.56 per barrel. The average cost of imported crude oil fell \$8.44 (11.1%) to \$67.91 per barrel. The composite refiner acquisition cost for crude oil decreased \$6.48 (8.3%) to \$71.93 per barrel.

Petroleum products

Motor gasoline

- The December monthly average wholesale price for refiner sales of motor gasoline declined 18.0 cents to \$2.304 per gallon.
- Refiner sales of finished motor gasoline declined in December. Total refiner motor gasoline sales averaged 297.3 million gallons per day, after falling 5.4 million gallons per day (1.8%) from November's level. DTW sales accounted for 6.7% of wholesales, while rack and bulk sales explained 90.0% and 3.3%, respectively.

No. 2 distillate

- Monthly average prices for refiner sales of No. 2 distillates mostly decreased in December. The retail sales price for No. 2 diesel fuel declined 16.7 cents to \$2.375 per gallon, while the average wholesale price fell 18.2 cents to \$2.272 per gallon. The average retail price for sales of No. 2 fuel oil rose 10.9 cents to \$2.760, while the average wholesale price decreased 15.6 cents to \$2.111 per gallon.
- December sales of No. 2 ultra-low sulfur diesel fuel by refiners increased at the wholesale level, rising 500,000 gallons per day (0.3%) to 149.1 million gallons per day.

Residual fuel oil

- December prices for refiner sales of residual fuel oil fell from November levels. The average retail price for residual fuel oil decreased 5.1 cents to \$2.090 per gallon, while the average wholesale price declined 6.6 cents to \$1.861 per gallon.
- Refiner residual fuel oil sales increased in December, rising 1.3 million gallons per day (16.7%) to 9.1 million gallons per day. Retail sales fell 300,000 gallons per day (13.6%), while wholesale sales rose 1.6 million gallons per day (28.6%).

Other products

- December monthly average prices for refiner sales of propane, No. 1 distillate, kerosene-type jet fuel, and kerosene declined at both the retail and wholesale levels. The wholesale price for aviation gasoline also fell in December.
- Refiner sales of the remaining surveyed products generally increased during December. Sales of propane, kerosene-type jet fuel, and No. 1 distillate increased at both retail and wholesale, while kerosene sales rose at the retail level, but declined at wholesale. Sales of aviation gasoline also fell at the wholesale level in December.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

| Products | Sales to end users | | | | | | Sales for resale | | | | | |
|-----------------------------------|--------------------|--------|---------------|--------|---------------|--------|------------------|--------|---------------|--------|---------------|--------|
| | December 2021 | | November 2021 | | December 2020 | | December 2021 | | November 2021 | | December 2020 | |
| | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume |
| Motor gasoline | 3.283 | 4.4 | 3.318 | 4.5 | 1.828 | 18.7 | 2.304 | 292.9 | 2.484 | 298.2 | 1.394 | 256.2 |
| Conventional | 2.855 | W | 2.918 | W | 1.667 | 11.6 | 2.215 | 201.3 | 2.391 | 205.7 | 1.342 | 178.0 |
| Regular | 2.786 | W | 2.851 | W | 1.607 | 10.1 | 2.180 | 179.3 | 2.356 | 183.3 | 1.307 | 157.2 |
| Midgrade | 3.114 | W | 3.172 | W | 1.894 | 0.6 | 2.355 | 0.9 | 2.548 | 0.9 | 1.500 | 0.9 |
| Premium | W | W | W | W | 2.206 | 0.9 | 2.509 | 21.1 | 2.680 | 21.5 | 1.611 | 19.9 |
| Reformulated | W | W | W | W | 2.094 | 7.1 | 2.500 | 91.6 | 2.692 | 92.5 | 1.513 | 78.2 |
| Regular | W | W | W | W | 1.964 | 5.0 | 2.435 | 75.9 | 2.624 | 76.4 | 1.456 | 63.8 |
| Midgrade | W | W | W | W | 2.297 | 0.7 | 2.721 | 0.3 | 2.900 | 0.3 | 1.672 | 0.3 |
| Premium | W | W | W | W | 2.486 | 1.3 | 2.816 | 15.4 | 3.017 | 15.7 | 1.769 | 14.1 |
| Aviation gasoline | W | W | 3.778 | 0.0 | 2.674 | 0.0 | 3.154 | 0.4 | 3.410 | 0.4 | 2.289 | 0.3 |
| Kerosene-type jet fuel | 2.169 | 32.2 | 2.309 | 30.4 | 1.395 | 24.1 | 2.145 | 30.1 | 2.283 | 27.8 | 1.353 | 22.5 |
| Propane (consumer grade) | 1.098 | 3.5 | 1.292 | 2.7 | 0.697 | 3.5 | 1.140 | 29.0 | 1.329 | 28.1 | 0.725 | 31.0 |
| Kerosene | 3.157 | 0.0 | 3.799 | 0.0 | W | W | 2.272 | 1.0 | 2.405 | 1.1 | 1.585 | 1.0 |
| No. 1 distillate | 2.811 | 0.2 | 2.859 | 0.1 | 1.977 | 0.1 | 2.583 | 2.5 | 2.684 | 2.0 | 1.740 | 2.2 |
| No. 2 distillate | 2.379 | 8.0 | 2.544 | 7.8 | 1.628 | 9.2 | 2.264 | 158.7 | 2.447 | 156.0 | 1.466 | 153.0 |
| No. 2 fuel oil | 2.760 | 0.1 | 2.651 | 0.1 | 2.004 | 0.1 | 2.111 | 8.5 | 2.267 | 6.4 | 1.341 | 10.2 |
| No. 2 diesel fuel | 2.375 | 8.0 | 2.542 | 7.7 | 1.624 | 9.2 | 2.272 | 150.2 | 2.454 | 149.6 | 1.475 | 142.9 |
| Ultra low sulfur | W | W | W | W | 1.631 | 9.0 | 2.272 | 149.1 | 2.454 | 148.6 | 1.475 | 141.8 |
| Low sulfur | - | - | - | - | W | W | - | - | - | - | - | - |
| High sulfur | W | W | W | W | W | W | 2.332 | 1.1 | 2.446 | 1.0 | 1.453 | 1.1 |
| No. 4 fuel[a] | - | - | - | - | - | - | W | W | W | W | W | W |
| Residential fuel oil | 2.090 | 1.9 | 2.141 | 2.2 | 1.290 | 2.3 | 1.861 | 7.2 | 1.927 | 5.6 | 1.320 | 5.2 |
| Sulfur content not > 1% | 2.282 | 1.3 | W | W | W | W | 1.940 | 3.9 | 2.065 | 2.2 | 1.351 | 3.3 |
| Sulfur content > 1% | 1.726 | 0.7 | 1.827 | W | 1.193 | W | 1.766 | 3.2 | 1.834 | 3.4 | 1.266 | 1.9 |

NA = Not available.

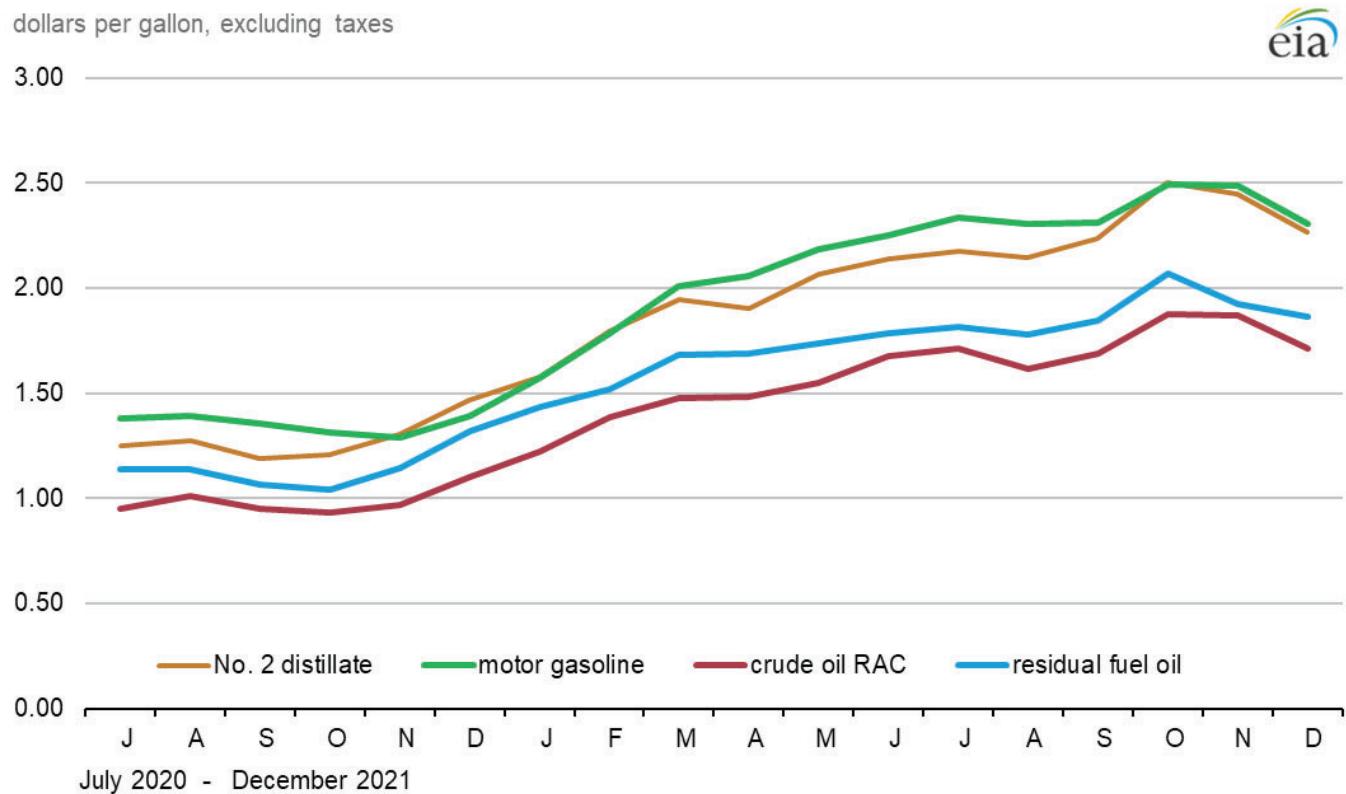
- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure HL1. Crude oil and petroleum product wholesale prices

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

| Year month | Domestic first purchase prices | Average F.O.B.[a] cost of crude oil imports[b] | Average landed cost of crude oil imports[b] | Refiner acquisition cost of crude oil | | |
|---------------------|--------------------------------|--|---|---------------------------------------|----------|-----------|
| | | | | Domestic | Imported | Composite |
| 1997 average | 17.23 | 16.94 | 18.11 | 19.61 | 18.53 | 19.04 |
| 1998 average | 10.87 | 10.76 | 11.84 | 13.18 | 12.04 | 12.52 |
| 1999 average | 15.56 | 16.47 | 17.23 | 17.90 | 17.26 | 17.51 |
| 2000 average | 26.72 | 26.27 | 27.53 | 29.11 | 27.70 | 28.26 |
| 2001 average | 21.84 | 20.46 | 21.82 | 24.33 | 22.00 | 22.95 |
| 2002 average | 22.51 | 22.63 | 23.91 | 24.65 | 23.71 | 24.10 |
| 2003 average | 27.56 | 25.86 | 27.69 | 29.82 | 27.71 | 28.53 |
| 2004 average | 36.77 | 33.75 | 36.07 | 38.97 | 35.90 | 36.98 |
| 2005 average | 50.28 | 47.60 | 49.29 | 52.94 | 48.86 | 50.24 |
| 2006 average | 59.69 | 57.03 | 59.11 | 62.62 | 59.02 | 60.24 |
| 2007 average | 66.52 | 66.36 | 67.97 | 69.65 | 67.04 | 67.94 |
| 2008 average | 94.04 | 90.32 | 93.33 | 98.47 | 92.77 | 94.74 |
| 2009 average | 56.35 | 57.78 | 60.23 | 59.49 | 59.17 | 59.29 |
| 2010 average | 74.71 | 74.19 | 76.50 | 78.01 | 75.86 | 76.69 |
| 2011 average | 95.73 | 101.66 | 102.92 | 100.71 | 102.63 | 101.87 |
| 2012 average | 94.52 | 99.78 | 101.00 | 100.72 | 101.09 | 100.93 |
| 2013 average | 95.99 | 96.56 | 96.99 | 102.91 | 98.11 | 100.49 |
| 2014 average | 87.39 | 85.65 | 88.16 | 94.05 | 89.56 | 92.02 |
| 2015 average | 44.39 | 41.91 | 45.38 | 49.94 | 46.38 | 48.39 |
| 2016 average | 38.29 | 36.37 | 38.56 | 42.41 | 38.75 | 40.66 |
| 2017 average | 48.05 | 45.58 | 48.50 | 52.05 | 49.12 | 50.68 |
| 2018 average | 61.40 | 56.31 | 58.89 | 67.05 | 60.95 | 64.38 |
| 2019 average | 55.59 | 54.27 | 56.60 | 60.31 | 57.94 | 59.38 |
| 2020 | | | | | | |
| January | 56.55 | 46.98 | 51.20 | 60.39 | 53.87 | 57.92 |
| February | 49.66 | 42.13 | 44.69 | 54.01 | 47.39 | 51.37 |
| March | 31.01 | 24.16 | 27.14 | 35.00 | 28.50 | 32.55 |
| April | 15.18 | 14.22 | 17.50 | 21.07 | 16.74 | 19.32 |
| May | 18.02 | 19.28 | 22.73 | 24.43 | 22.56 | 23.55 |
| June | 33.81 | 33.74 | 36.17 | 37.25 | 36.14 | 36.80 |
| July | 37.44 | 36.73 | 38.97 | 40.56 | 39.33 | 40.08 |
| August | 39.37 | 37.39 | 40.15 | 42.83 | 41.72 | 42.42 |
| September | 36.82 | 36.06 | 38.19 | 40.41 | 38.73 | 39.81 |
| October | 36.39 | 34.35 | 37.11 | 40.06 | 37.81 | 39.21 |
| November | 38.25 | 36.44 | 39.28 | 41.56 | 39.15 | 40.68 |
| December | 43.92 | 41.86 | 44.78 | 46.69 | 45.34 | 46.20 |
| 2020 average | 36.86 | 33.66 | 36.42 | 41.23 | 37.41 | 39.75 |
| 2021 | | | | | | |
| January | 49.73 | 46.77 | 49.38 | 52.45 | 49.52 | 51.36 |
| February | 56.72 | 53.08 | 55.50 | 60.14 | 55.67 | 58.39 |
| March | 60.67 | 57.48 | 59.12 | 63.24 | 59.78 | 61.96 |
| April | 59.87 | 57.83 | 60.75 | 63.25 | 60.86 | 62.39 |
| May | 62.80 | 61.76 | 63.92 | 65.94 | 63.81 | 65.15 |
| June | 68.57 | 64.97 | 67.50 | 71.60 | 68.85 | 70.54 |
| July | 70.12 | 65.73 | 68.11 | 73.28 | 69.88 | 71.97 |
| August | 65.67 | 63.00 | 65.82 | 69.27 | 65.66 | 67.87 |
| September | 69.08 | 66.36 | 68.66 | 72.38 | 69.26 | 71.09 |
| October | 78.51 | R73.40 | R75.61 | 80.82 | 76.08 | 78.88 |
| November | 76.45 | R71.08 | R74.40 | R79.67 | R76.35 | R78.41 |
| December | 70.55 | 62.94 | 65.62 | R74.56 | R67.91 | R71.93 |
| 2021 average | 65.90 | 61.76 | 64.69 | 69.09 | 65.78 | 67.81 |
| 2022 | | | | | | |
| January[c] | NA | NA | NA | E81.55 | E77.46 | E79.99 |

NA = Not available.

E = Estimated data.

R = Revised data.

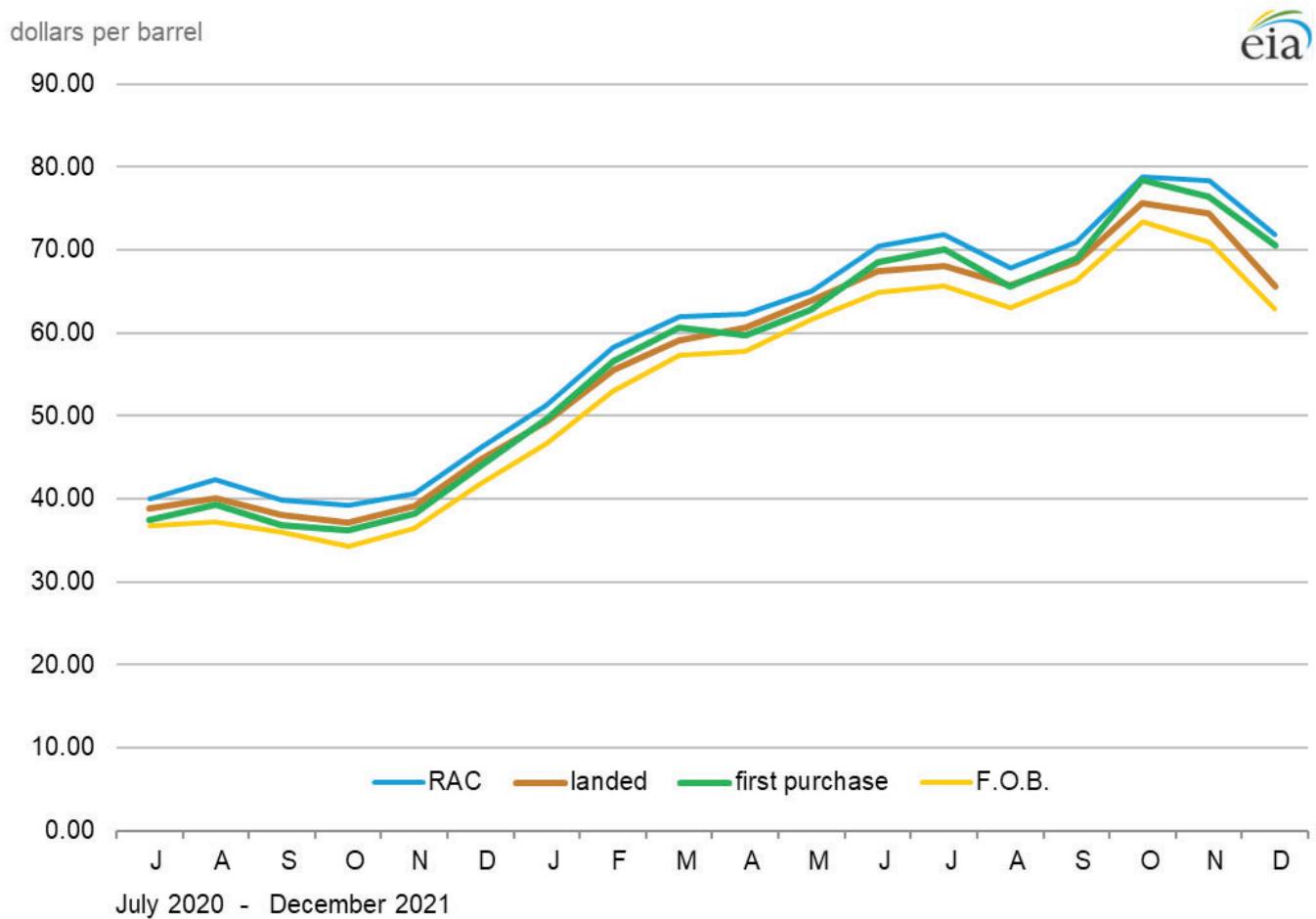
[a] Free on Board. See Glossary.

[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, Refiners' Monthly Cost Report.

Figure 1. Crude oil prices

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*.
Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts
dollars per barrel

| Year month | United States | | | PAD District 1 | | | PAD District 2 | | |
|-------------|---------------|----------|-----------|----------------|----------|-----------|----------------|----------|-----------|
| | Domestic | Imported | Composite | Domestic | Imported | Composite | Domestic | Imported | Composite |
| 2004 | 38.97 | 35.90 | 36.98 | 40.75 | 38.29 | 38.34 | 40.80 | 35.63 | 38.38 |
| 2005 | 52.94 | 48.86 | 50.24 | 56.89 | 53.29 | 53.35 | 54.57 | 46.11 | 50.75 |
| 2006 | 62.62 | 59.02 | 60.24 | 66.92 | 63.53 | 63.60 | 63.66 | 55.19 | 59.70 |
| 2007 | 69.65 | 67.04 | 67.94 | 70.62 | 72.48 | 72.44 | 71.10 | 62.17 | 66.90 |
| 2008 | 98.47 | 92.77 | 94.74 | 100.30 | 96.90 | 96.97 | 100.98 | 88.45 | 94.93 |
| 2009 | 59.49 | 59.17 | 59.29 | 59.64 | 61.68 | 61.63 | 60.00 | 57.00 | 58.64 |
| 2010 | 78.01 | 75.86 | 76.69 | 75.90 | 80.03 | 79.91 | 78.85 | 72.24 | 75.92 |
| 2011 | 100.71 | 102.63 | 101.87 | 98.88 | 111.53 | 111.01 | 96.81 | 89.15 | 93.18 |
| 2012 | 100.72 | 101.09 | 100.93 | 104.45 | 112.27 | 111.50 | 95.04 | 83.90 | 89.44 |
| 2013 | 102.91 | 98.11 | 100.49 | 106.98 | 106.74 | 106.80 | 100.63 | 85.43 | 93.26 |
| 2014 | 94.05 | 89.56 | 92.02 | 96.95 | 96.51 | 96.70 | 93.08 | 81.66 | 87.51 |
| 2015 | 49.94 | 46.38 | 48.39 | 52.60 | 50.40 | 51.37 | 49.33 | 42.70 | 46.13 |
| 2016 | 42.41 | 38.75 | 40.66 | 44.58 | 42.54 | 43.00 | 43.76 | 36.19 | 39.95 |
| 2017 | 52.05 | 49.12 | 50.68 | 56.98 | 53.46 | 53.87 | 52.03 | 45.21 | 48.63 |
| 2018 | 67.05 | 60.95 | 64.38 | 69.71 | 69.63 | 69.64 | 65.69 | 49.35 | 57.85 |
| 2019 | 60.31 | 57.94 | 59.38 | 64.02 | 65.37 | 65.02 | 58.17 | 50.92 | 54.59 |
| 2020 | | | | | | | | | |
| January | 60.39 | 53.87 | 57.92 | 63.24 | 64.08 | 63.77 | 58.99 | 45.98 | 52.41 |
| February | 54.01 | 47.39 | 51.37 | 57.27 | 57.28 | 57.28 | 50.76 | 38.20 | 43.93 |
| March | 35.00 | 28.50 | 32.55 | 35.93 | 37.10 | 36.60 | 30.59 | 21.65 | 25.64 |
| April | 21.07 | 16.74 | 19.32 | 27.42 | 26.07 | 26.65 | 19.25 | 13.19 | 15.86 |
| May | 24.43 | 22.56 | 23.55 | 36.45 | 30.34 | 32.24 | 25.07 | 17.46 | 21.15 |
| June | 37.25 | 36.14 | 36.80 | 42.97 | 37.34 | 39.27 | 38.11 | 35.22 | 36.74 |
| July | 40.56 | 39.33 | 40.08 | 45.44 | 43.76 | 44.18 | 41.15 | 37.50 | 39.42 |
| August | 42.83 | 41.72 | 42.42 | 45.83 | 44.95 | 45.16 | 42.71 | 39.73 | 41.26 |
| September | 40.41 | 38.73 | 39.81 | 43.67 | 41.74 | 42.25 | 40.30 | 35.84 | 38.36 |
| October | 40.06 | 37.81 | 39.21 | 41.42 | 40.17 | 40.56 | 39.93 | 35.99 | 38.27 |
| November | 41.56 | 39.15 | 40.68 | 45.02 | 43.61 | 44.02 | 41.67 | 36.52 | 39.40 |
| December | 46.69 | 45.34 | 46.20 | 51.51 | 49.60 | 49.99 | 47.37 | 42.65 | 45.32 |
| 2020 | 41.23 | 37.41 | 39.75 | 44.76 | 43.73 | 44.07 | 40.66 | 33.48 | 37.17 |
| 2021 | | | | | | | | | |
| January | 52.45 | 49.52 | 51.36 | 55.93 | 54.38 | 54.66 | 52.50 | 45.81 | 49.22 |
| February | 60.14 | 55.67 | 58.39 | 63.55 | 60.82 | 61.53 | 59.98 | 50.97 | 55.77 |
| March | 63.24 | 59.78 | 61.96 | 66.89 | 65.74 | 65.96 | 63.77 | 56.82 | 60.50 |
| April | 63.25 | 60.86 | 62.39 | 68.22 | 65.59 | 65.94 | 63.54 | 57.02 | 60.74 |
| May | 65.94 | 63.81 | 65.15 | 69.76 | 68.63 | 68.81 | 66.61 | 60.89 | 64.09 |
| June | 71.60 | 68.85 | 70.54 | 74.97 | 73.18 | 73.44 | 72.25 | 65.37 | 69.34 |
| July | 73.28 | 69.88 | 71.97 | 76.48 | 74.82 | 75.09 | 74.18 | 66.54 | 70.92 |
| August | 69.27 | 65.66 | 67.87 | 73.16 | 71.73 | 71.97 | 69.79 | 61.90 | 66.52 |
| September | 72.38 | 69.26 | 71.09 | 76.34 | 73.99 | 74.31 | 73.18 | 66.19 | 70.18 |
| October | 80.82 | 76.08 | 78.88 | 83.82 | 82.61 | 82.81 | 82.55 | 71.33 | 76.68 |
| November | R79.67 | R76.35 | R78.41 | R83.43 | R82.27 | R82.45 | R81.11 | R73.74 | R77.72 |
| December | R74.56 | R67.91 | R71.93 | R78.05 | R75.57 | R75.91 | R74.85 | R61.91 | R68.47 |
| 2021 | 69.09 | 65.78 | 67.81 | 72.07 | 71.15 | 71.30 | 69.90 | 61.92 | 66.26 |

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)
dollars per barrel

| Year month | PAD District 3 | | | PAD District 4 | | | PAD District 5 | | |
|-------------|----------------|----------|-----------|----------------|----------|-----------|----------------|----------|-----------|
| | Domestic | Imported | Composite | Domestic | Imported | Composite | Domestic | Imported | Composite |
| 2004 | 39.28 | 34.79 | 35.87 | 39.98 | 35.93 | 37.81 | 36.81 | 38.20 | 37.30 |
| 2005 | 53.17 | 47.77 | 48.99 | 53.50 | 48.54 | 50.89 | 50.61 | 50.77 | 50.67 |
| 2006 | 63.17 | 58.34 | 59.54 | 60.80 | 56.17 | 58.45 | 60.90 | 61.44 | 61.15 |
| 2007 | 70.58 | 66.34 | 67.48 | 65.79 | 60.81 | 63.43 | 67.47 | 69.42 | 68.34 |
| 2008 | 100.39 | 91.86 | 94.11 | 91.49 | 88.56 | 90.12 | 94.53 | 96.30 | 95.35 |
| 2009 | 60.61 | 59.21 | 59.64 | 56.30 | 56.53 | 56.39 | 57.79 | 60.07 | 58.78 |
| 2010 | 78.73 | 75.67 | 76.65 | 73.56 | 70.77 | 72.37 | 76.56 | 78.23 | 77.34 |
| 2011 | 103.24 | 104.78 | 104.24 | 89.34 | 84.87 | 87.61 | 103.83 | 105.68 | 104.73 |
| 2012 | 104.32 | 105.18 | 104.83 | 86.83 | 80.80 | 84.63 | 103.03 | 106.43 | 104.69 |
| 2013 | 104.64 | 101.42 | 103.02 | 88.96 | 80.75 | 85.21 | 103.82 | 105.12 | 104.40 |
| 2014 | 94.67 | 90.84 | 93.06 | 84.63 | 78.73 | 81.93 | 94.45 | 96.13 | 95.22 |
| 2015 | 50.16 | 46.49 | 48.75 | 44.77 | 39.73 | 42.28 | 50.30 | 50.91 | 50.59 |
| 2016 | 41.97 | 38.22 | 40.42 | 41.48 | 34.49 | 38.11 | 42.10 | 42.21 | 42.16 |
| 2017 | 51.74 | 49.12 | 50.73 | 50.43 | 43.05 | 47.19 | 53.44 | 52.77 | 53.08 |
| 2018 | 66.94 | 64.10 | 65.95 | 62.87 | 45.87 | 55.01 | 70.82 | 68.91 | 69.81 |
| 2019 | 60.44 | 59.49 | 60.19 | 54.65 | 49.53 | 52.26 | 64.45 | 64.24 | 64.34 |
| 2020 | | | | | | | | | |
| January | 60.28 | 55.09 | 58.98 | 52.65 | 44.72 | 48.44 | 64.71 | 64.37 | 64.55 |
| February | 54.68 | 50.56 | 53.63 | 50.06 | 37.62 | 43.01 | 55.80 | 56.88 | 56.39 |
| March | 35.96 | 30.62 | 34.73 | 34.39 | 20.63 | 27.31 | 36.05 | 36.02 | 36.04 |
| April | 20.84 | 15.84 | 19.32 | 21.00 | 11.01 | 16.10 | 23.00 | 24.54 | 23.68 |
| May | 22.21 | 23.44 | 22.73 | 25.68 | 13.89 | 17.68 | 30.20 | 31.65 | 30.82 |
| June | 36.58 | 36.30 | 36.49 | 38.04 | 35.35 | 36.27 | 37.69 | 37.79 | 37.73 |
| July | 40.05 | 39.73 | 39.96 | 40.55 | 34.81 | 36.99 | 41.35 | 42.74 | 41.97 |
| August | 42.72 | 42.21 | 42.59 | 41.34 | 38.94 | 40.26 | 43.67 | 44.45 | 44.02 |
| September | 40.41 | 39.79 | 40.26 | 38.88 | 35.67 | 37.47 | 40.83 | 42.11 | 41.39 |
| October | 40.22 | 38.52 | 39.74 | 38.29 | 34.21 | 35.84 | 39.96 | 40.98 | 40.40 |
| November | 41.47 | 39.91 | 41.05 | 39.61 | 36.01 | 37.40 | 41.92 | 42.82 | 42.27 |
| December | 46.17 | 45.93 | 46.11 | 44.84 | 40.18 | 42.14 | 48.34 | 48.75 | 48.52 |
| 2020 | 41.15 | 37.60 | 40.16 | 39.40 | 32.47 | 35.46 | 42.46 | 44.11 | 43.21 |
| 2021 | | | | | | | | | |
| January | 52.20 | 50.39 | 51.78 | 50.24 | 44.33 | 47.35 | 54.05 | 53.70 | 53.88 |
| February | 59.95 | 57.13 | 59.27 | 58.24 | 49.29 | 52.71 | 61.04 | 61.17 | 61.11 |
| March | 62.76 | 59.72 | 62.07 | 61.92 | 54.10 | 56.91 | 64.71 | 64.53 | 64.63 |
| April | 62.94 | 61.23 | 62.53 | 61.73 | 56.70 | 59.60 | 64.33 | 63.99 | 64.15 |
| May | 65.46 | 63.43 | 65.01 | 64.88 | 58.65 | 61.29 | 67.34 | 67.31 | 67.33 |
| June | 71.11 | 69.15 | 70.63 | 70.67 | 62.58 | 65.65 | 72.95 | 72.82 | 72.87 |
| July | 72.92 | 70.41 | 72.27 | 71.61 | 63.28 | 66.66 | 73.72 | 73.87 | 73.81 |
| August | 69.06 | 66.01 | 68.29 | 67.21 | 59.92 | 62.59 | 69.71 | 69.73 | 69.72 |
| September | 71.84 | 69.32 | 71.15 | 71.06 | 61.16 | 64.89 | 73.69 | 74.08 | 73.92 |
| October | 79.91 | 77.13 | 79.23 | 80.20 | 71.10 | 74.96 | 82.56 | 82.14 | 82.32 |
| November | R79.01 | R76.23 | R78.33 | 78.55 | R72.21 | R74.81 | R80.75 | R79.47 | 80.09 |
| December | 74.53 | 69.30 | 73.22 | 71.64 | 63.98 | 67.12 | 74.76 | 72.79 | 73.70 |
| 2021 | 68.73 | 66.29 | 68.13 | 67.72 | 60.45 | 63.44 | 69.74 | 70.14 | 69.96 |

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-14, Refiners' Monthly Cost Report, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users
dollars per gallon, excluding taxes

| Year month | Motor gasoline | Aviation gasoline | Kerosene type jet fuel | Propane (consumer grade) | Kerosene | No. 1 distillate | No. 2 distillate | | | Average | No. 4 fuel[a] | Residual fuel oil |
|------------|----------------|-------------------|------------------------|--------------------------|----------|------------------|-------------------|----------------|--------|---------|---------------|-------------------|
| | | | | | | | No. 2 diesel fuel | No. 2 fuel oil | | | | |
| 1994 | 0.738 | 0.957 | 0.534 | 0.530 | 0.660 | 0.640 | 0.554 | 0.572 | 0.556 | 0.501 | 0.352 | |
| 1995 | 0.765 | 1.005 | 0.540 | 0.492 | 0.589 | 0.620 | 0.560 | 0.562 | 0.560 | 0.505 | 0.392 | |
| 1996 | 0.847 | 1.116 | 0.651 | 0.605 | 0.740 | 0.726 | 0.681 | 0.673 | 0.680 | 0.603 | 0.455 | |
| 1997 | 0.839 | 1.128 | 0.613 | 0.552 | 0.745 | 0.689 | 0.642 | 0.636 | 0.642 | 0.565 | 0.423 | |
| 1998 | 0.673 | 0.975 | 0.452 | 0.405 | 0.501 | 0.551 | 0.494 | 0.482 | 0.492 | 0.428 | 0.305 | |
| 1999 | 0.781 | 1.059 | 0.543 | 0.458 | 0.605 | 0.621 | 0.584 | 0.558 | 0.580 | 0.474 | 0.374 | |
| 2000 | 1.106 | 1.306 | 0.899 | 0.603 | 1.123 | 0.988 | 0.935 | 0.927 | 0.934 | 0.769 | 0.602 | |
| 2001 | 1.032 | 1.323 | 0.775 | 0.506 | 1.045 | 0.902 | 0.842 | 0.829 | 0.840 | 0.679 | 0.531 | |
| 2002 | 0.947 | 1.288 | 0.721 | 0.419 | 0.990 | 0.828 | 0.762 | 0.737 | 0.759 | 0.657 | 0.569 | |
| 2003 | 1.156 | 1.493 | 0.872 | 0.577 | 1.224 | 1.017 | 0.944 | 0.933 | 0.942 | 0.856 | 0.698 | |
| 2004 | 1.435 | 1.819 | 1.207 | 0.839 | 1.160 | 1.262 | 1.243 | 1.173 | 1.235 | 1.017 | 0.739 | |
| 2005 | 1.829 | 2.231 | 1.735 | 1.089 | 1.957 | 1.832 | 1.786 | 1.705 | 1.777 | W | 1.048 | |
| 2006 | 2.128 | 2.682 | 1.998 | 1.358 | 2.244 | 2.137 | 2.096 | 1.982 | 2.091 | W | 1.218 | |
| 2007 | 2.345 | 2.849 | 2.165 | 1.489 | 2.263 | 2.286 | 2.267 | 2.241 | 2.266 | W | 1.374 | |
| 2008 | 2.775 | 3.273 | 3.052 | 1.892 | 3.283 | 2.983 | 3.150 | 2.986 | 3.143 | W | 1.964 | |
| 2009 | 1.888 | 2.442 | 1.704 | 1.220 | 2.675 | 2.141 | 1.834 | 1.962 | 1.840 | W | 1.341 | |
| 2010 | 2.301 | 3.028 | 2.201 | 1.481 | 3.063 | 2.705 | 2.314 | 2.462 | 2.318 | W | 1.713 | |
| 2011 | 3.050 | 3.803 | 3.054 | 1.709 | 3.616 | 3.467 | 3.117 | 3.193 | 3.119 | W | 2.401 | |
| 2012 | 3.154 | 3.971 | 3.104 | 1.139 | 3.843 | 3.580 | 3.202 | 3.358 | 3.206 | W | 2.592 | |
| 2013 | 3.049 | 3.932 | 2.979 | 1.028 | 3.842 | 3.483 | 3.122 | 3.335 | 3.126 | W | 2.482 | |
| 2014 | 2.855 | 3.986 | 2.772 | 1.097 | W | 3.117 | 2.923 | 3.329 | 2.924 | W | 2.325 | |
| 2015 | 2.003 | W | 1.629 | 0.481 | W | 1.822 | 1.819 | 2.016 | 1.821 | W | 1.285 | |
| 2016 | 1.730 | W | 1.319 | 0.498 | W | 1.702 | 1.511 | 1.716 | 1.512 | W | 0.945 | |
| 2017 | 1.976 | W | 1.629 | 0.772 | W | 2.230 | 1.811 | 2.010 | 1.813 | W | 1.287 | |
| 2018 | 2.303 | W | 2.119 | 0.925 | 3.113 | 2.600 | 2.256 | 2.380 | 2.257 | - | 1.662 | |
| 2019 | 2.245 | W | 1.970 | 0.603 | W | 2.449 | 2.114 | 2.269 | 2.115 | - | 1.584 | |
| 2020 | | | | | | | | | | | | |
| January | 2.150 | W | 1.958 | 0.502 | W | 2.473 | 2.002 | 2.328 | 2.006 | - | 1.939 | |
| February | 2.060 | W | 1.667 | 0.469 | W | 2.305 | 1.835 | 2.113 | 1.838 | - | 1.735 | |
| March | 1.862 | W | 1.257 | 0.378 | W | 2.080 | 1.486 | 1.813 | 1.489 | - | 1.371 | |
| April | 1.490 | W | 0.740 | 0.368 | W | 1.551 | 1.137 | 1.220 | 1.138 | - | 0.976 | |
| May | 1.598 | W | 0.728 | 0.421 | W | 1.305 | 1.130 | 1.162 | 1.130 | - | 0.817 | |
| June | 1.768 | W | 1.046 | 0.515 | 3.321 | 1.483 | 1.354 | 1.338 | 1.354 | - | 0.949 | |
| July | 1.806 | 2.761 | 1.175 | 0.518 | 3.059 | 1.483 | 1.431 | 1.394 | 1.431 | - | 1.071 | |
| August | 1.814 | 2.805 | 1.188 | 0.541 | 3.163 | W | 1.456 | 1.464 | 1.456 | - | 1.224 | |
| September | 1.804 | 2.613 | 1.110 | 0.508 | W | 1.759 | 1.386 | 1.411 | 1.386 | - | 1.200 | |
| October | 1.773 | 2.495 | 1.134 | 0.548 | W | 1.878 | 1.400 | 1.360 | 1.400 | - | 1.151 | |
| November | 1.736 | 2.485 | 1.216 | 0.577 | W | 1.769 | 1.482 | 1.760 | 1.485 | - | 1.145 | |
| December | 1.828 | 2.674 | 1.395 | 0.697 | W | 1.977 | 1.624 | 2.004 | 1.628 | - | 1.290 | |
| 2020 | 1.829 | 2.685 | 1.293 | 0.502 | W | 1.891 | 1.486 | 1.660 | 1.488 | - | 1.246 | |
| 2021 | | | | | | | | | | | | |
| January | 1.986 | 2.829 | 1.485 | 0.908 | W | 2.022 | 1.713 | 2.103 | 1.715 | - | 1.462 | |
| February | 2.201 | 3.148 | 1.642 | 0.972 | W | 2.190 | 1.933 | 2.173 | 1.935 | - | 1.617 | |
| March | 2.442 | 3.364 | 1.763 | 0.964 | W | 2.324 | 2.111 | 2.323 | 2.113 | - | 1.766 | |
| April | 2.493 | 3.363 | 1.724 | 0.851 | W | 2.322 | 2.090 | 2.185 | 2.091 | - | 1.756 | |
| May | 2.683 | 3.447 | 1.822 | 0.833 | W | 2.380 | 2.177 | 2.291 | 2.177 | - | 1.760 | |
| June | 3.000 | 3.492 | 1.906 | 0.966 | W | 2.514 | 2.228 | 2.341 | 2.228 | - | 1.867 | |
| July | 3.105 | W | 1.981 | 1.096 | 2.860 | 2.593 | 2.282 | 2.505 | 2.283 | - | 1.969 | |
| August | 3.146 | W | 1.965 | 1.122 | W | 2.596 | 2.266 | 2.395 | 2.267 | - | 1.901 | |
| September | 3.143 | W | 2.032 | 1.296 | 2.817 | 2.614 | 2.323 | 2.387 | 2.324 | - | 1.950 | |
| October | 3.201 | 3.783 | 2.303 | 1.459 | 3.425 | 2.864 | 2.561 | 2.678 | 2.562 | - | 2.091 | |
| November | 3.318 | 3.778 | 2.309 | R1.292 | R3.799 | 2.859 | R2.542 | 2.651 | R2.544 | - | 2.141 | |
| December | 3.283 | W | 2.169 | 1.098 | 3.157 | 2.811 | 2.375 | 2.760 | 2.379 | - | 2.090 | |

NA = Not available.

- = No data reported.

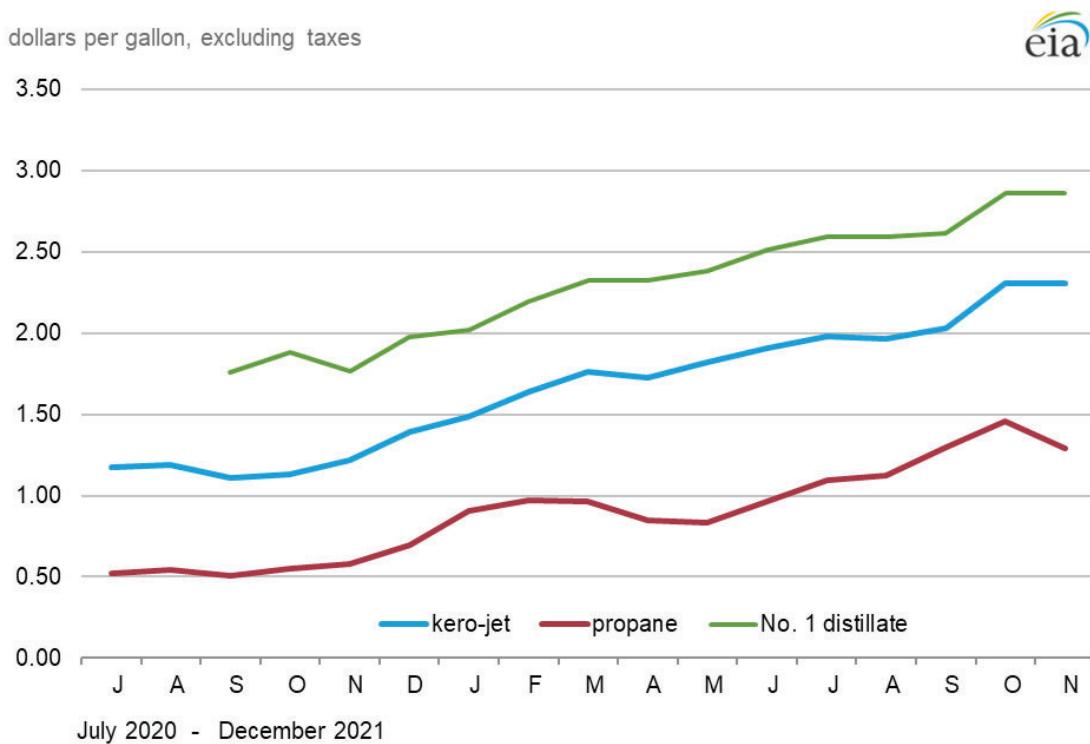
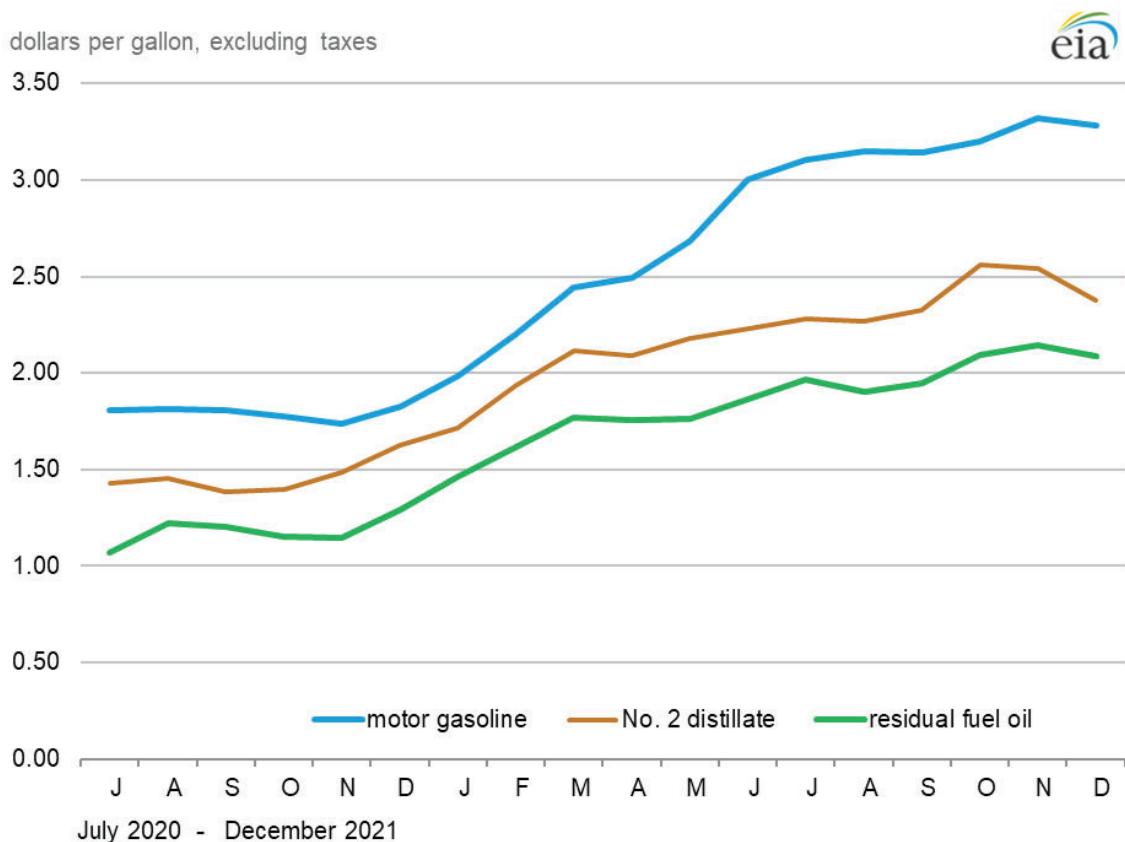
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. Refiner retail petroleum product prices

Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

| Year month | Motor gasoline | Aviation gasoline | Kerosene type jet fuel | Propane (consumer grade) | Kerosene | No. 1 distillate | No. 2 distillate | | | Average | No. 4 fuel[a] | Residual fuel oil |
|-------------|----------------|-------------------|------------------------|--------------------------|----------|------------------|-------------------|----------------|------|---------|---------------|-------------------|
| | | | | | | | No. 2 diesel fuel | No. 2 fuel oil | | | | |
| 1994 | 55.0 | 0.2 | 45.2 | 2.2 | 0.4 | 0.4 | 21.3 | 3.4 | 24.6 | 0.8 | 13.5 | |
| 1995 | 55.9 | 0.2 | 45.7 | 3.2 | 0.6 | 0.3 | 21.6 | 3.3 | 24.9 | 0.5 | 11.6 | |
| 1996 | 57.5 | 0.2 | 48.7 | 3.1 | 0.4 | 0.3 | 21.9 | 3.1 | 25.0 | 0.4 | 12.9 | |
| 1997 | 61.1 | 0.2 | 49.7 | 3.2 | 0.3 | 0.4 | 22.0 | 3.0 | 25.0 | 0.3 | 13.4 | |
| 1998 | 63.3 | 0.2 | 48.9 | 3.1 | 0.4 | 0.4 | 21.1 | 3.2 | 24.3 | 0.3 | 14.4 | |
| 1999 | 62.0 | 0.1 | 47.0 | 3.6 | 0.2 | 0.3 | 21.1 | 3.0 | 24.1 | 0.3 | 13.9 | |
| 2000 | 60.9 | 0.2 | 49.3 | 2.9 | 0.2 | 0.3 | 22.6 | 2.8 | 25.4 | 0.3 | 13.1 | |
| 2001 | 62.0 | 0.1 | 49.7 | 3.6 | 0.2 | 0.3 | 22.9 | 3.0 | 26.0 | 0.4 | 14.8 | |
| 2002 | 63.6 | 0.1 | 49.1 | 2.6 | 0.1 | 0.3 | 19.6 | 3.0 | 22.6 | 0.4 | 10.4 | |
| 2003 | 63.8 | 0.1 | 44.0 | 2.5 | 0.1 | 0.3 | 16.7 | 2.7 | 19.5 | 0.3 | 10.7 | |
| 2004 | 58.4 | 0.1 | 46.4 | 2.7 | 0.5 | 0.2 | 16.9 | 2.4 | 19.3 | 0.3 | 10.2 | |
| 2005 | 59.0 | 0.1 | 45.2 | 3.2 | 0.1 | 0.3 | 17.0 | 2.1 | 19.1 | W | 10.4 | |
| 2006 | 60.0 | 0.1 | 42.1 | 2.7 | 0.1 | 0.2 | 24.2 | 1.2 | 25.4 | W | 10.4 | |
| 2007 | 57.7 | 0.1 | 40.1 | 3.3 | 0.1 | 0.2 | 23.6 | 0.8 | 24.3 | W | 10.9 | |
| 2008 | 55.1 | 0.1 | 39.9 | 2.7 | NA | 0.1 | 19.9 | 0.9 | 20.8 | W | 8.4 | |
| 2009 | 49.8 | 0.2 | 38.0 | 3.7 | NA | 0.1 | 16.9 | 0.9 | 17.8 | W | 8.5 | |
| 2010 | 44.7 | 0.1 | 34.8 | 3.9 | 0.0 | 0.1 | 15.3 | 0.4 | 15.8 | W | 7.6 | |
| 2011 | 39.0 | 0.1 | 33.3 | 4.5 | 0.0 | 0.1 | 13.4 | 0.4 | 13.8 | W | 6.4 | |
| 2012 | 29.7 | 0.1 | 32.5 | 5.6 | 0.0 | 0.1 | 12.2 | 0.3 | 12.5 | W | 5.5 | |
| 2013 | 24.7 | 0.0 | 31.4 | 5.3 | 0.0 | 0.1 | 11.5 | 0.2 | 11.7 | W | 5.2 | |
| 2014 | 21.6 | 0.0 | 31.3 | 4.9 | W | 0.1 | 11.9 | 0.1 | 11.9 | W | 4.6 | |
| 2015 | 25.5 | W | 33.4 | 5.6 | W | 0.1 | 12.6 | 0.1 | 12.7 | W | 4.0 | |
| 2016 | 25.6 | W | 31.2 | 6.1 | W | 0.1 | 12.6 | 0.1 | 12.7 | W | 4.2 | |
| 2018 | 24.3 | W | 31.3 | 3.6 | 0.0 | 0.1 | 12.6 | 0.1 | 12.7 | - | 3.5 | |
| 2019 | 24.2 | W | 31.5 | 3.0 | W | 0.1 | 11.9 | 0.1 | 12.0 | - | 2.6 | |
| 2020 | | | | | | | | | | | | |
| January | 22.8 | W | 31.2 | 3.7 | W | 0.2 | 11.0 | 0.2 | 11.1 | - | 1.8 | |
| February | 23.3 | W | 30.0 | 4.1 | W | 0.1 | 11.2 | 0.1 | 11.3 | - | 2.4 | |
| March | 18.5 | W | 27.2 | 4.3 | W | 0.1 | 10.5 | 0.1 | 10.6 | - | 2.0 | |
| April | 12.4 | W | 13.8 | 2.8 | W | 0.1 | 10.5 | 0.1 | 10.6 | - | 2.3 | |
| May | 15.6 | W | 14.2 | 3.0 | W | 0.1 | 9.2 | 0.1 | 9.3 | - | 1.6 | |
| June | 19.1 | W | 18.2 | 2.1 | 0.0 | 0.0 | 9.2 | 0.1 | 9.3 | - | 1.8 | |
| July | 20.6 | 0.0 | 20.2 | 2.2 | 0.0 | 0.1 | 9.4 | 0.1 | 9.6 | - | 2.0 | |
| August | 20.6 | 0.0 | 21.1 | 2.4 | 0.0 | W | 9.3 | 0.1 | 9.4 | - | 1.7 | |
| September | 20.5 | 0.0 | 20.2 | 3.4 | W | 0.1 | 9.5 | 0.1 | 9.5 | - | 1.9 | |
| October | 20.7 | 0.0 | 20.5 | 3.0 | W | 0.1 | 9.7 | 0.1 | 9.9 | - | 2.9 | |
| November | 19.0 | 0.0 | 22.1 | 3.7 | W | 0.2 | 9.4 | 0.1 | 9.5 | - | 2.0 | |
| December | 18.7 | 0.0 | 24.1 | 3.5 | W | 0.1 | 9.2 | 0.1 | 9.2 | - | 2.3 | |
| 2020 | 19.3 | 0.0 | 21.9 | 3.2 | W | 0.1 | 9.8 | 0.1 | 9.9 | - | 2.1 | |
| 2021 | | | | | | | | | | | | |
| January | 18.1 | 0.0 | 21.3 | 3.9 | W | 0.1 | 9.3 | 0.1 | 9.3 | - | 2.1 | |
| February | 18.5 | 0.0 | 20.7 | 4.2 | W | 0.2 | 9.3 | 0.1 | 9.4 | - | 2.0 | |
| March | 20.1 | 0.0 | 24.4 | 3.0 | W | 0.1 | 9.7 | 0.1 | 9.8 | - | 2.1 | |
| April | 20.8 | 0.0 | 26.0 | 3.4 | W | 0.1 | 10.0 | 0.1 | 10.1 | - | 2.0 | |
| May | 12.2 | 0.0 | 26.4 | 3.0 | W | 0.0 | 9.0 | 0.1 | 9.1 | - | 1.8 | |
| June | 4.9 | 0.0 | 28.0 | 3.2 | W | 0.0 | 8.8 | 0.1 | 8.8 | - | 2.2 | |
| July | 4.8 | W | 28.3 | 4.6 | 0.0 | 0.0 | 7.9 | 0.0 | 8.0 | - | 1.8 | |
| August | 4.8 | W | 31.3 | 4.2 | W | 0.1 | 8.0 | 0.1 | 8.0 | - | 2.0 | |
| September | 4.7 | W | 30.8 | 5.2 | 0.0 | 0.1 | 8.2 | 0.1 | 8.3 | - | 1.8 | |
| October | 4.6 | 0.0 | 29.2 | 4.4 | 0.0 | 0.1 | 7.9 | 0.1 | 8.0 | - | 2.0 | |
| November | R4.5 | 0.0 | 30.4 | R2.7 | 0.0 | 0.1 | R7.7 | 0.1 | R7.8 | - | 2.2 | |
| December | 4.4 | W | 32.2 | 3.5 | 0.0 | 0.2 | 8.0 | 0.1 | 8.0 | - | 1.9 | |

NA = Not available.

- = No data reported.

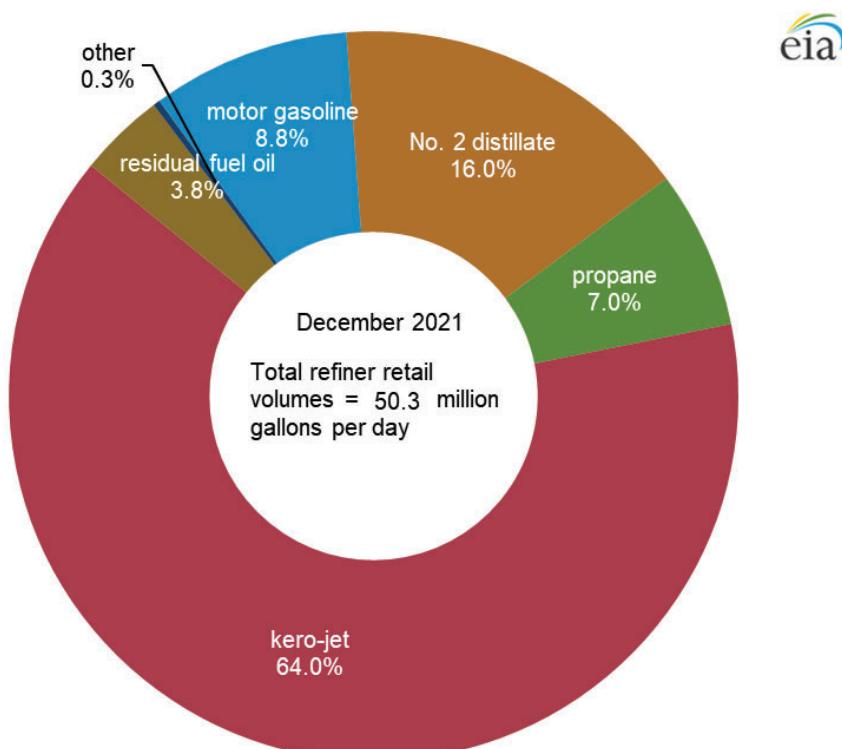
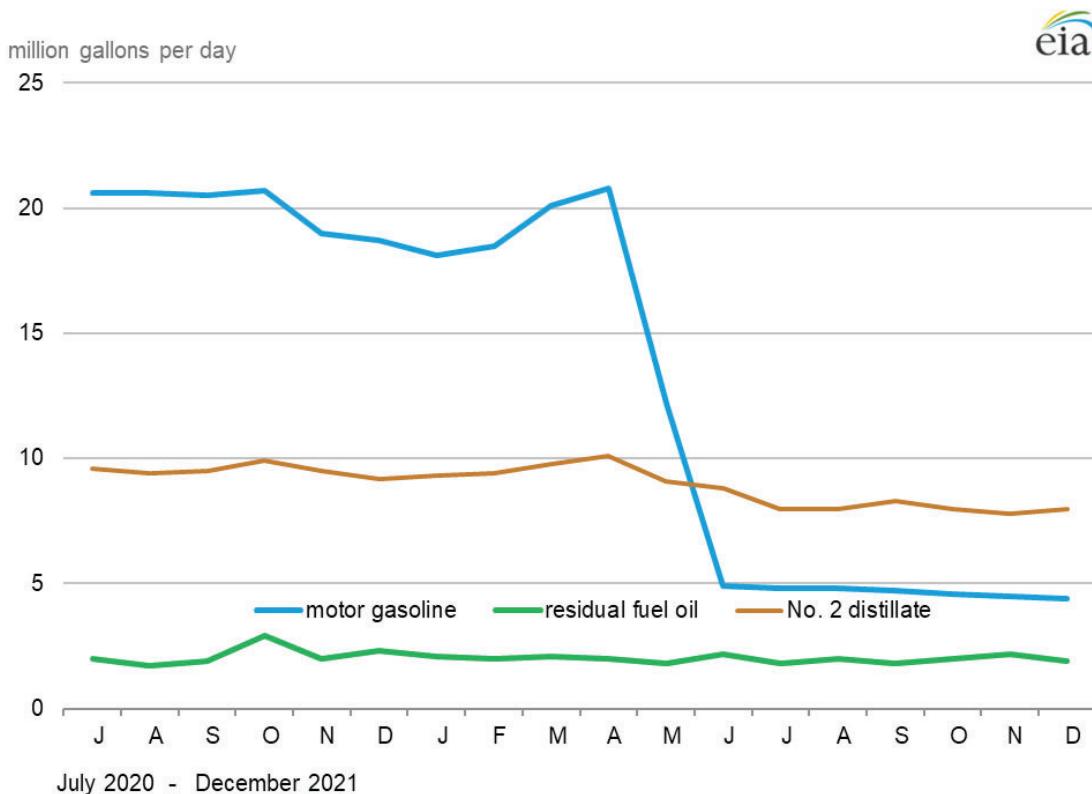
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. Refiner retail petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale
dollars per gallon, excluding taxes

| Year month | Motor gasoline | Aviation gasoline | Kerosene type jet fuel | Propane (consumer grade) | Kerosene | No. 2 distillate | | | | Residual fuel oil | |
|------------|----------------|-------------------|------------------------|--------------------------|----------|------------------|-------------------|----------------|---------|-------------------|-------|
| | | | | | | No. 1 distillate | No. 2 diesel fuel | No. 2 fuel oil | Average | | |
| 1994 | 0.599 | 0.933 | 0.534 | 0.324 | 0.618 | 0.615 | 0.529 | 0.506 | 0.522 | 0.462 | 0.317 |
| 1995 | 0.626 | 0.975 | 0.539 | 0.344 | 0.580 | 0.625 | 0.538 | 0.511 | 0.530 | 0.463 | 0.363 |
| 1996 | 0.713 | 1.055 | 0.646 | 0.461 | 0.714 | 0.751 | 0.659 | 0.639 | 0.653 | 0.603 | 0.420 |
| 1997 | 0.70 | 1.065 | 0.613 | 0.416 | 0.653 | 0.723 | 0.606 | 0.590 | 0.602 | 0.551 | 0.387 |
| 1998 | 0.526 | 0.912 | 0.450 | 0.288 | 0.465 | 0.513 | 0.444 | 0.422 | 0.439 | 0.383 | 0.280 |
| 1999 | 0.645 | 1.007 | 0.533 | 0.342 | 0.550 | 0.634 | 0.546 | 0.493 | 0.536 | 0.430 | 0.354 |
| 2000 | 0.963 | 1.330 | 0.880 | 0.595 | 0.969 | 1.019 | 0.898 | 0.886 | 0.896 | 0.778 | 0.566 |
| 2001 | 0.886 | 1.256 | 0.763 | 0.540 | 0.821 | 0.883 | 0.784 | 0.756 | 0.779 | 0.697 | 0.476 |
| 2002 | 0.828 | 1.146 | 0.716 | 0.431 | 0.752 | 0.805 | 0.724 | 0.694 | 0.718 | 0.663 | 0.530 |
| 2003 | 1.002 | 1.288 | 0.871 | 0.607 | 0.955 | 1.033 | 0.883 | 0.881 | 0.882 | 0.793 | 0.661 |
| 2004 | 1.288 | 1.627 | 1.208 | 0.751 | 1.271 | 1.289 | 1.187 | 1.125 | 1.178 | 1.033 | 0.681 |
| 2005 | 1.670 | 2.076 | 1.723 | 0.933 | 1.757 | 1.801 | 1.737 | 1.623 | 1.720 | 1.377 | 0.971 |
| 2006 | 1.969 | 2.490 | 1.961 | 1.031 | 2.007 | 2.044 | 2.012 | 1.834 | 1.991 | 1.395 | 1.136 |
| 2007 | 2.182 | 2.758 | 2.171 | 1.194 | 2.249 | 2.430 | 2.203 | 2.072 | 2.190 | 1.551 | 1.350 |
| 2008 | 2.586 | 3.342 | 3.020 | 1.437 | 2.851 | 2.712 | 2.994 | 2.745 | 2.970 | 2.157 | 1.866 |
| 2009 | 1.767 | 2.480 | 1.719 | 0.921 | 1.844 | 2.050 | 1.713 | 1.657 | 1.707 | 1.561 | 1.342 |
| 2010 | 2.165 | 2.874 | 2.185 | 1.212 | 2.299 | 2.573 | 2.214 | 2.147 | 2.208 | W | 1.697 |
| 2011 | 2.867 | 3.739 | 3.014 | 1.467 | 3.065 | 3.223 | 3.034 | 2.907 | 3.025 | 2.801 | 2.336 |
| 2012 | 2.929 | 3.919 | 3.080 | 1.033 | 3.163 | 3.349 | 3.109 | 3.031 | 3.103 | W | 2.457 |
| 2013 | 2.812 | 3.869 | 2.953 | 1.048 | 3.084 | 3.340 | 3.028 | 2.966 | 3.025 | 2.767 | 2.278 |
| 2014 | 2.618 | 3.687 | 2.763 | 1.165 | 2.882 | 3.213 | 2.812 | 2.741 | 2.809 | 2.333 | 2.044 |
| 2015 | 1.726 | 2.764 | 1.592 | 0.555 | 1.735 | 1.957 | 1.667 | 1.565 | 1.663 | 1.215 | 0.996 |
| 2016 | 1.454 | 2.404 | 1.295 | 0.523 | 1.383 | 1.589 | 1.378 | 1.239 | 1.370 | 0.956 | 0.745 |
| 2017 | 1.689 | 2.682 | 1.603 | 0.800 | 1.730 | 2.093 | 1.691 | 1.600 | 1.686 | W | 1.116 |
| 2018 | 1.980 | 3.006 | 2.073 | 0.877 | 2.160 | 2.380 | 2.130 | 2.002 | 2.123 | W | 1.463 |
| 2019 | 1.858 | 2.842 | 1.929 | 0.622 | 2.017 | 2.296 | 1.958 | 1.895 | 1.955 | W | 1.428 |
| 2020 | | | | | | | | | | | |
| January | 1.743 | 2.752 | 1.891 | 0.557 | 2.008 | 2.171 | 1.858 | 1.863 | 1.858 | W | 1.675 |
| February | 1.669 | 2.698 | 1.613 | 0.530 | 1.802 | 1.968 | 1.671 | 1.627 | 1.668 | W | 1.540 |
| March | 1.127 | 2.279 | 1.189 | 0.410 | 1.115 | 1.579 | 1.278 | 1.238 | 1.275 | W | 1.121 |
| April | 0.645 | 1.590 | 0.703 | 0.378 | 0.837 | 1.193 | 0.908 | 0.872 | 0.906 | W | 0.733 |
| May | 1.049 | 1.869 | 0.690 | 0.454 | 0.848 | 1.115 | 0.878 | 0.795 | 0.873 | W | 0.775 |
| June | 1.311 | 2.134 | 1.002 | 0.514 | 1.099 | 1.424 | 1.135 | 1.002 | 1.129 | W | 1.017 |
| July | 1.380 | 2.253 | 1.144 | 0.507 | 1.172 | 1.526 | 1.254 | 1.152 | 1.251 | W | 1.137 |
| August | 1.389 | 2.219 | 1.162 | 0.536 | 1.250 | 1.526 | 1.275 | 1.179 | 1.273 | W | 1.135 |
| September | 1.354 | 2.246 | 1.076 | 0.516 | 1.215 | 1.445 | 1.195 | 1.091 | 1.191 | W | 1.066 |
| October | 1.312 | 2.217 | 1.107 | 0.597 | 1.293 | 1.499 | 1.215 | 1.089 | 1.210 | W | 1.041 |
| November | 1.287 | 2.123 | 1.180 | 0.630 | 1.322 | 1.647 | 1.315 | 1.156 | 1.306 | W | 1.145 |
| December | 1.394 | 2.289 | 1.353 | 0.725 | 1.585 | 1.740 | 1.475 | 1.341 | 1.466 | W | 1.320 |
| 2020 | 1.330 | 2.233 | 1.295 | 0.535 | 1.310 | 1.772 | 1.286 | 1.246 | 1.284 | W | 1.143 |
| 2021 | | | | | | | | | | | |
| January | 1.575 | 2.482 | 1.456 | 0.922 | 1.688 | 1.798 | 1.580 | 1.481 | 1.574 | W | 1.432 |
| February | 1.784 | 2.659 | 1.599 | 1.032 | 1.939 | 2.049 | 1.806 | 1.667 | 1.796 | W | 1.518 |
| March | 2.011 | 2.978 | 1.720 | 0.985 | 1.854 | 2.244 | 1.956 | 1.726 | 1.944 | W | 1.683 |
| April | 2.055 | 3.018 | 1.688 | 0.849 | 1.816 | 2.134 | 1.911 | 1.700 | 1.903 | W | 1.686 |
| May | 2.181 | 3.107 | 1.790 | 0.824 | 1.800 | 2.362 | 2.072 | 1.806 | 2.064 | W | 1.736 |
| June | 2.252 | 3.190 | 1.871 | 0.950 | 1.907 | 2.449 | 2.147 | 1.927 | 2.141 | W | 1.783 |
| July | 2.337 | 3.337 | 1.946 | 1.075 | 1.940 | 2.467 | 2.182 | 1.931 | 2.177 | W | 1.818 |
| August | 2.302 | 3.299 | 1.922 | 1.110 | 1.899 | 2.446 | 2.146 | 1.885 | 2.142 | W | 1.776 |
| September | 2.310 | 3.248 | 2.008 | 1.280 | 2.109 | 2.475 | 2.240 | 2.041 | 2.235 | W | 1.845 |
| October | 2.494 | 3.367 | 2.281 | 1.460 | 2.434 | 2.791 | 2.504 | 2.356 | 2.499 | W | 2.069 |
| November | R2.484 | 3.410 | 2.283 | 1.329 | 2.405 | 2.684 | 2.454 | 2.267 | 2.447 | W | 1.927 |
| December | 2.304 | 3.154 | 2.145 | 1.140 | 2.272 | 2.583 | 2.272 | 2.111 | 2.264 | W | 1.861 |

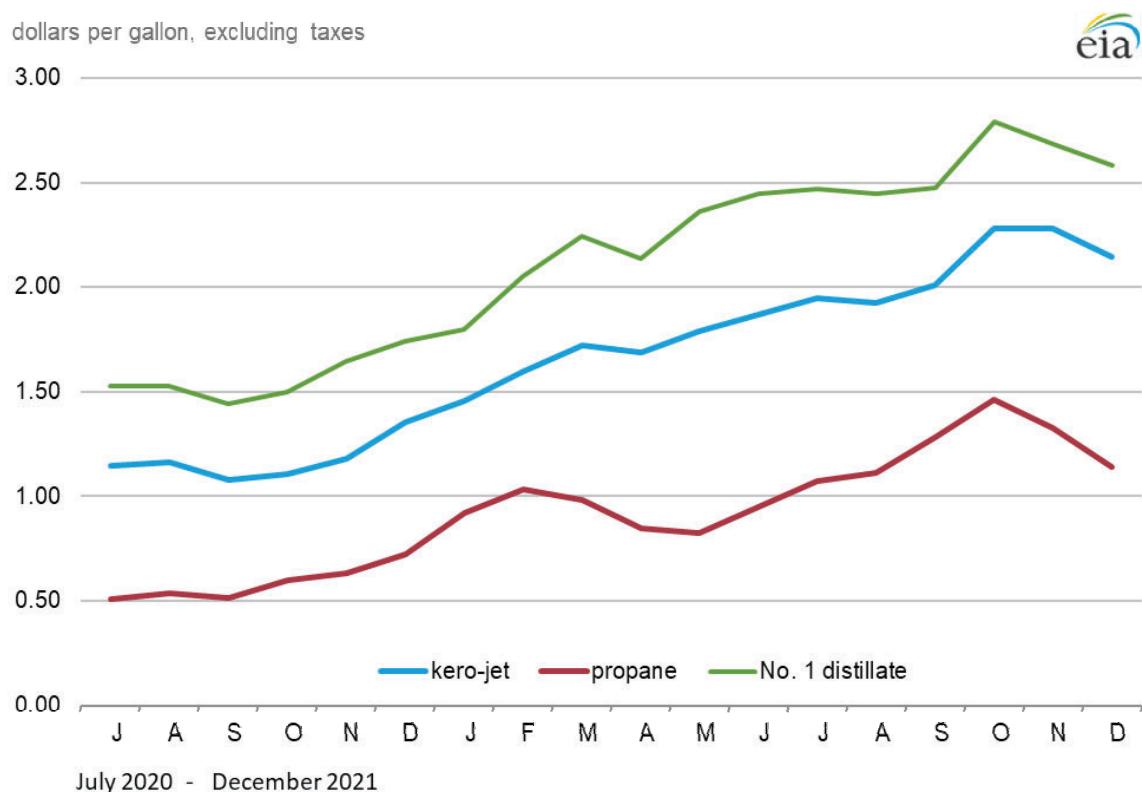
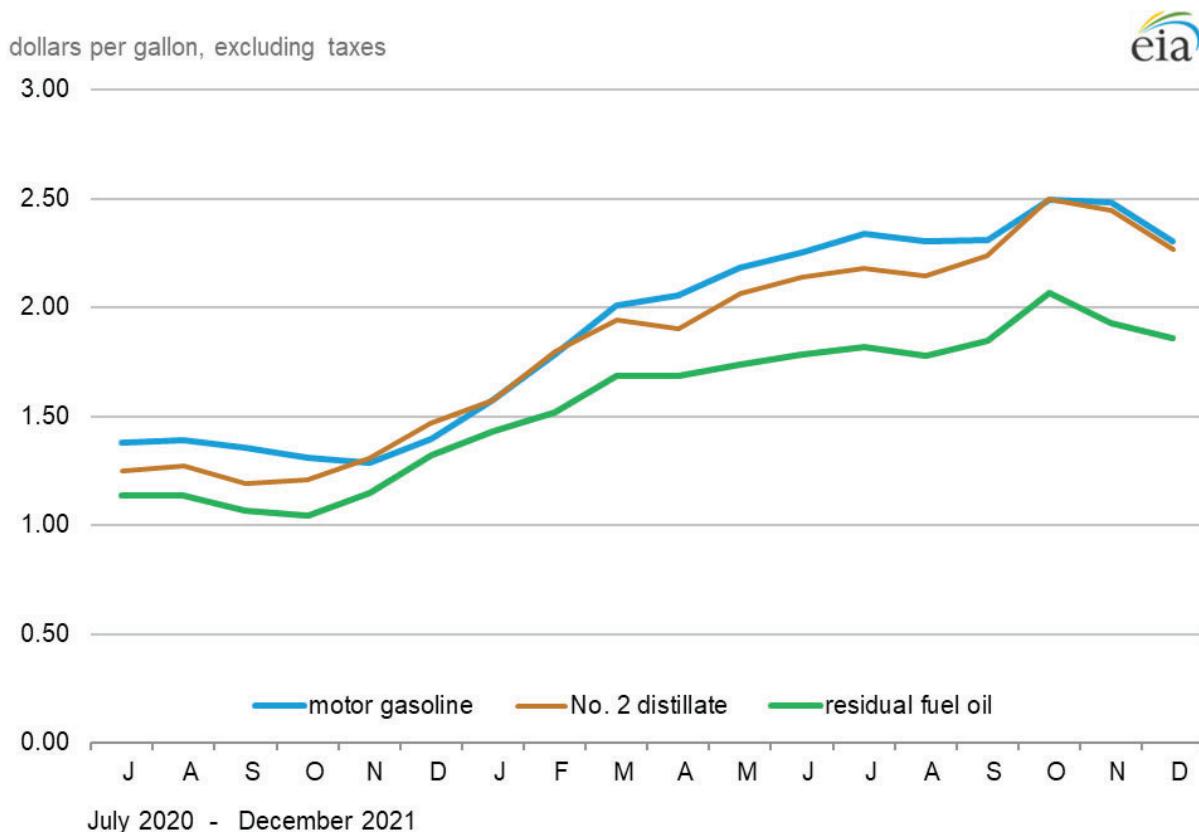
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. Refiner wholesale petroleum product prices

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

| Year month | Motor gasoline | Aviation gasoline | Kerosene type jet fuel | Propane (consumer grade) | Kerosene | No. 1 distillate | No. 2 distillate | | | Average | No. 4 fuel[a] | Residual fuel oil |
|------------|----------------|-------------------|------------------------|--------------------------|----------|------------------|-------------------|----------------|-------|---------|---------------|-------------------|
| | | | | | | | No. 2 diesel fuel | No. 2 fuel oil | | | | |
| 1994 | 276.7 | 0.7 | 9.1 | 28.4 | 2.5 | 1.9 | 72.4 | 32.9 | 105.3 | 0.4 | 12.8 | |
| 1995 | 288.8 | 0.6 | 9.9 | 30.6 | 2.4 | 1.7 | 75.9 | 31.0 | 106.9 | 0.3 | 13.6 | |
| 1996 | 293.6 | 0.6 | 11.5 | 32.9 | 2.7 | 1.8 | 83.7 | 33.1 | 116.8 | 0.3 | 13.8 | |
| 1997 | 292.7 | 0.6 | 11.3 | 32.2 | 2.5 | 1.6 | 88.7 | 31.2 | 119.9 | 0.2 | 11.5 | |
| 1998 | 300.4 | 0.6 | 12.2 | 32.7 | 2.2 | 1.4 | 91.9 | 27.3 | 119.2 | 0.1 | 15.4 | |
| 1999 | 306.9 | 0.7 | 15.2 | 33.6 | 2.4 | 1.7 | 95.5 | 24.3 | 119.9 | 0.2 | 11.5 | |
| 2000 | 304.4 | 0.6 | 15.7 | 34.8 | 2.3 | 1.5 | 98.8 | 23.3 | 122.1 | 0.2 | 10.5 | |
| 2001 | 305.2 | 0.6 | 14.3 | 35.0 | 2.2 | 1.4 | 101.3 | 25.2 | 126.4 | 0.1 | 10.3 | |
| 2002 | 311.8 | 0.6 | 12.1 | 32.9 | 2.0 | 1.3 | 100.8 | 23.6 | 124.4 | 0.1 | 8.8 | |
| 2003 | 311.6 | 0.5 | 12.2 | 36.5 | 2.3 | 1.2 | 108.9 | 20.9 | 129.8 | 0.1 | 6.7 | |
| 2004 | 316.4 | 0.6 | 12.7 | 40.3 | 2.1 | 1.3 | 116.5 | 19.6 | 136.1 | NA | 5.9 | |
| 2005 | 321.8 | 0.5 | 15.2 | 35.1 | 2.0 | 1.4 | 118.7 | 20.6 | 139.3 | NA | 4.7 | |
| 2006 | 315.6 | 0.5 | 15.2 | 39.4 | 1.4 | 1.3 | 123.2 | 16.7 | 139.9 | 0.3 | 6.5 | |
| 2007 | 319.8 | 0.5 | 16.6 | 41.7 | 1.4 | 0.9 | 135.3 | 14.5 | 149.8 | 0.3 | 8.2 | |
| 2008 | 306.4 | 0.4 | 16.5 | 34.2 | 1.0 | 1.0 | 138.7 | 14.9 | 153.6 | 0.2 | 9.5 | |
| 2009 | 307.4 | 0.4 | 15.2 | 31.8 | 1.3 | 1.0 | 128.0 | 15.1 | 143.1 | 0.1 | 9.8 | |
| 2010 | 312.0 | 0.4 | 20.3 | 28.3 | 1.4 | 0.9 | 135.5 | 11.5 | 147.0 | W | 10.7 | |
| 2011 | 296.3 | 0.4 | 23.0 | 28.6 | 1.2 | 1.0 | 134.6 | 10.7 | 145.3 | 0.1 | 12.2 | |
| 2012 | 294.7 | 0.4 | 23.5 | 27.6 | 1.2 | 0.8 | 136.9 | 10.7 | 147.6 | W | 8.8 | |
| 2013 | 291.0 | 0.4 | 26.4 | 34.9 | 1.3 | 1.0 | 142.9 | 7.7 | 150.6 | 0.1 | 9.0 | |
| 2014 | 289.2 | 0.4 | 27.5 | 32.9 | 1.4 | 1.4 | 146.3 | 7.0 | 153.3 | 0.1 | 8.0 | |
| 2015 | 298.7 | 0.4 | 28.6 | 31.6 | 1.2 | 1.2 | 146.5 | 6.7 | 153.2 | 0.2 | 8.1 | |
| 2016 | 303.8 | 0.4 | 30.3 | 32.4 | 1.2 | 1.0 | 138.3 | 8.2 | 146.5 | 0.1 | 8.4 | |
| 2017 | 301.5 | 0.4 | 38.1 | 28.9 | 1.0 | 1.0 | 146.5 | 8.5 | 155.0 | W | 7.1 | |
| 2018 | 305.4 | 0.4 | 40.5 | 28.4 | 1.2 | 1.2 | 154.5 | 9.1 | 163.7 | W | 7.6 | |
| 2019 | 301.9 | 0.4 | 41.1 | 31.4 | 1.2 | 1.4 | 160.2 | 9.1 | 169.4 | W | 7.5 | |
| 2020 | | | | | | | | | | | | |
| January | 282.8 | 0.5 | 40.7 | 40.4 | 1.0 | 2.6 | 153.3 | 11.9 | 165.2 | W | 6.9 | |
| February | 290.0 | 0.4 | 38.8 | 34.7 | 0.7 | 2.1 | 150.9 | 10.4 | 161.4 | W | 7.8 | |
| March | 250.9 | 0.4 | 35.4 | 31.7 | 0.9 | 0.9 | 154.5 | 9.1 | 163.7 | W | 7.9 | |
| April | 188.1 | 0.3 | 13.3 | 23.6 | 0.7 | 0.5 | 152.6 | 8.5 | 161.1 | W | 8.7 | |
| May | 231.4 | 0.4 | 11.3 | 19.2 | 0.8 | 0.2 | 153.8 | 9.3 | 163.0 | W | 5.8 | |
| June | 270.5 | 0.4 | 14.7 | 17.0 | 0.7 | 0.1 | 153.2 | 6.0 | 159.2 | W | 5.7 | |
| July | 274.4 | 0.4 | 18.0 | 19.0 | 1.1 | 0.2 | 143.4 | 3.9 | 147.2 | W | 4.4 | |
| August | 277.2 | 0.4 | 17.8 | 18.0 | 0.8 | 0.2 | 144.3 | 3.4 | 147.8 | W | 4.4 | |
| September | 273.3 | 0.4 | 18.7 | 22.7 | 0.8 | 0.4 | 152.5 | 6.0 | 158.5 | W | 6.0 | |
| October | 272.1 | 0.4 | 18.1 | 24.3 | 0.7 | 1.3 | 150.7 | 6.6 | 157.4 | W | 5.8 | |
| November | 260.0 | 0.3 | 20.9 | 25.3 | 0.9 | 1.7 | 143.7 | 8.4 | 152.1 | W | 5.4 | |
| December | 256.2 | 0.3 | 22.5 | 31.0 | 1.0 | 2.2 | 142.9 | 10.2 | 153.0 | W | 5.2 | |
| 2020 | 260.5 | 0.4 | 22.5 | 25.6 | 0.8 | 1.0 | 149.6 | 7.8 | 157.4 | W | 6.1 | |
| 2021 | | | | | | | | | | | | |
| January | 246.5 | 0.4 | 20.8 | 32.6 | 0.9 | 2.0 | 134.6 | 9.1 | 143.7 | W | 4.9 | |
| February | 251.0 | 0.3 | 20.4 | 36.8 | 1.1 | 3.3 | 135.2 | 10.6 | 145.8 | W | 4.9 | |
| March | 271.8 | 0.4 | 25.9 | 24.9 | 0.4 | 0.8 | 147.1 | 7.9 | 155.0 | W | 7.0 | |
| April | 283.4 | 0.5 | 28.5 | 19.8 | 0.3 | 0.4 | 151.0 | 5.6 | 156.6 | W | 4.9 | |
| May | 297.7 | 0.4 | 27.2 | 20.0 | 0.5 | 0.1 | 143.8 | 4.6 | 148.5 | W | 5.1 | |
| June | 312.4 | 0.5 | 30.6 | 19.7 | 0.5 | 0.1 | 157.6 | 4.1 | 161.7 | W | 5.8 | |
| July | 312.6 | 0.6 | 30.7 | 19.7 | 0.7 | 0.1 | 146.6 | 2.7 | 149.4 | W | 4.1 | |
| August | 308.7 | 0.5 | 29.2 | 20.8 | 0.7 | 0.2 | 150.3 | 2.3 | 152.6 | W | 4.9 | |
| September | 304.0 | 0.5 | 28.8 | 23.5 | 0.9 | 0.5 | 154.6 | 4.1 | 158.7 | W | 4.9 | |
| October | 296.1 | 0.4 | 28.2 | 25.5 | 1.4 | 1.0 | 152.9 | 5.4 | 158.3 | W | 6.0 | |
| November | R298.2 | 0.4 | 27.8 | 28.1 | 1.1 | 2.0 | 149.6 | 6.4 | 156.0 | W | 5.6 | |
| December | 292.9 | 0.4 | 30.1 | 29.0 | 1.0 | 2.5 | 150.2 | 8.5 | 158.7 | W | 7.2 | |

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

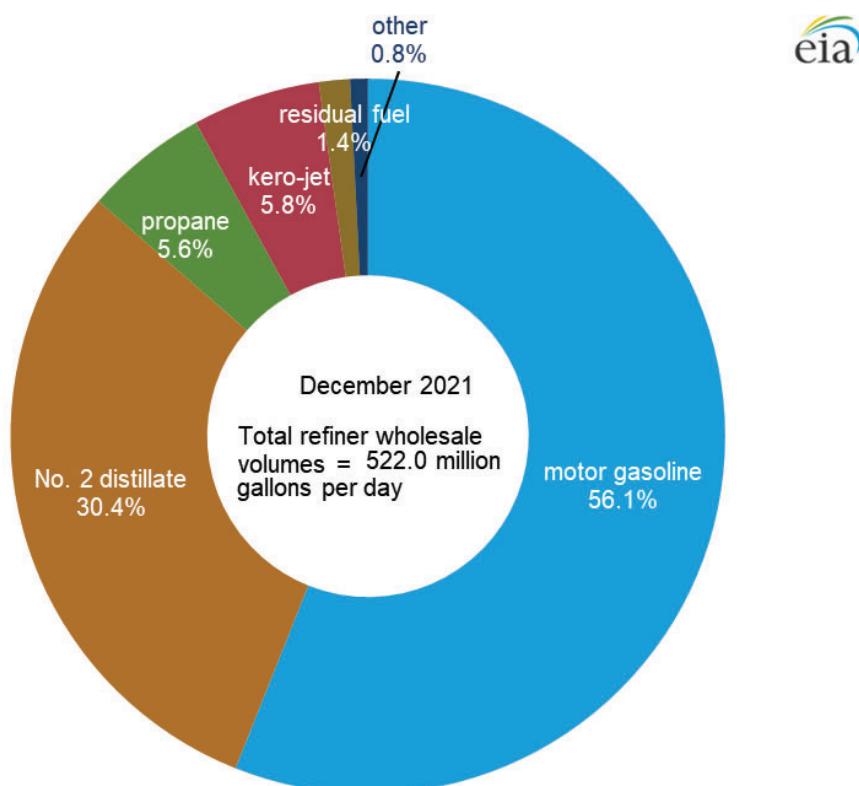
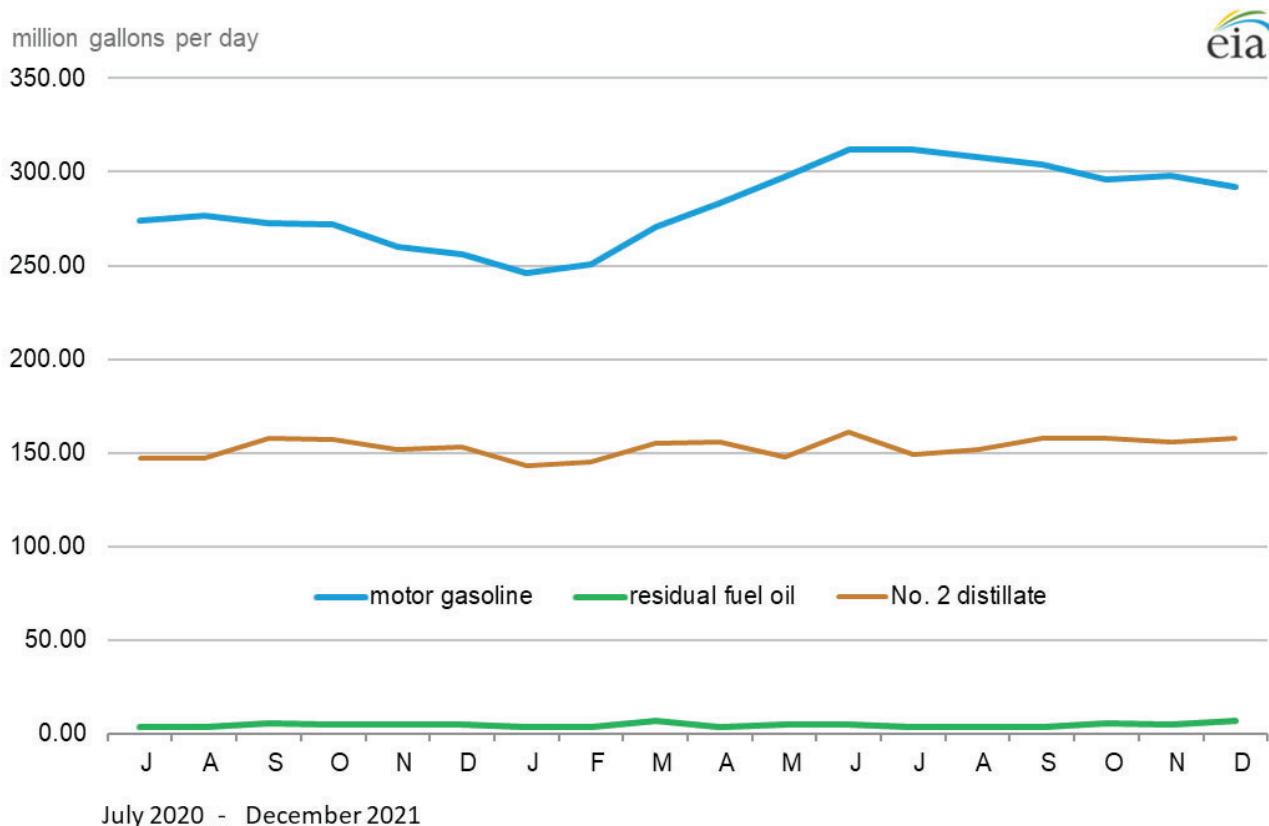
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. Refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

| Year month | Regular | | | | | | Midgrade | | | | | |
|-------------|------------------------------|------------|------------------|-------|--------|---------|------------------------------|------------|------------------|-------|-------|---------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average |
| 1994 | 0.695 | 0.689 | 0.646 | 0.547 | 0.502 | 0.566 | 0.791 | 0.785 | 0.704 | 0.584 | NA | 0.638 |
| 1995 | 0.723 | 0.717 | 0.682 | 0.576 | 0.534 | 0.593 | 0.813 | 0.808 | 0.737 | 0.619 | NA | 0.670 |
| 1996 | 0.812 | 0.807 | 0.770 | 0.672 | 0.622 | 0.685 | 0.901 | 0.896 | 0.824 | 0.709 | NA | 0.759 |
| 1997 | 0.803 | 0.798 | 0.764 | 0.656 | 0.615 | 0.673 | 0.898 | 0.895 | 0.822 | 0.694 | 0.711 | 0.749 |
| 1998 | 0.634 | 0.630 | 0.596 | 0.481 | 0.449 | 0.499 | 0.731 | 0.728 | 0.655 | 0.521 | NA | 0.576 |
| 1999 | 0.747 | 0.742 | 0.730 | 0.605 | 0.542 | 0.620 | 0.838 | 0.835 | 0.784 | 0.639 | NA | 0.696 |
| 2000 | 1.077 | 1.073 | 1.042 | 0.927 | 0.873 | 0.942 | 1.171 | 1.168 | 1.099 | 0.960 | - | 1.013 |
| 2001 | 1 | 0.997 | 0.977 | 0.848 | 0.786 | 0.865 | 1.103 | 1.10 | 1.042 | 0.888 | - | 0.945 |
| 2002 | 0.915 | 0.912 | 0.886 | 0.801 | 0.735 | 0.806 | 1.013 | 1.010 | 0.968 | 0.839 | - | 0.885 |
| 2003 | 1.127 | 1.123 | 1.134 | 0.965 | 0.888 | 0.981 | 1.222 | 1.218 | 1.196 | 1.004 | - | 1.061 |
| 2004 | 1.407 | 1.404 | 1.414 | 1.257 | 1.182 | 1.269 | 1.503 | 1.499 | 1.469 | 1.296 | - | 1.340 |
| 2005 | 1.805 | 1.802 | 1.765 | 1.653 | 1.568 | 1.654 | 1.896 | 1.893 | 1.821 | 1.681 | - | 1.708 |
| 2006 | 2.102 | 2.099 | 2.082 | 1.944 | 1.866 | 1.950 | 2.216 | 2.213 | 2.157 | 1.987 | - | 2.016 |
| 2007 | 2.318 | 2.315 | 2.278 | 2.161 | 2.074 | 2.161 | 2.440 | 2.438 | 2.351 | 2.226 | - | 2.245 |
| 2008 | 2.752 | 2.748 | 2.702 | 2.558 | 2.525 | 2.570 | 2.880 | 2.879 | 2.775 | 2.588 | - | 2.610 |
| 2009 | 1.860 | 1.856 | 1.866 | 1.744 | 1.668 | 1.747 | 1.998 | 1.997 | 1.957 | 1.762 | - | 1.784 |
| 2010 | 2.275 | 2.270 | 2.261 | 2.144 | 2.073 | 2.146 | 2.416 | 2.416 | 2.357 | 2.168 | - | 2.185 |
| 2011 | 3.028 | 3.021 | 2.961 | 2.846 | 2.762 | 2.847 | 3.165 | 3.165 | 3.057 | 2.880 | - | 2.893 |
| 2012 | 3.132 | 3.118 | 3.086 | 2.892 | 2.836 | 2.904 | 3.291 | 3.290 | 3.194 | 2.906 | - | 2.925 |
| 2013 | 3.029 | 3.010 | 2.907 | 2.769 | 2.747 | 2.779 | 3.200 | 3.199 | 3.038 | 2.862 | - | 2.876 |
| 2014 | 2.832 | 2.811 | 2.767 | 2.574 | 2.520 | 2.584 | 3.031 | 3.030 | 2.903 | 2.716 | - | 2.738 |
| 2015 | 1.939 | 1.938 | 2.105 | 1.654 | 1.604 | 1.681 | 2.225 | 2.224 | 2.252 | 1.824 | - | 1.872 |
| 2016 | 1.661 | 1.660 | 1.701 | 1.392 | 1.354 | 1.410 | 1.935 | 1.934 | 1.839 | 1.552 | - | 1.586 |
| 2017 | 1.903 | 1.902 | 1.957 | 1.625 | 1.622 | 1.647 | 2.202 | 2.200 | 2.090 | 1.791 | - | 1.826 |
| 2018 | 2.225 | 2.222 | 2.359 | 1.907 | 1.923 | 1.937 | 2.565 | 2.563 | 2.498 | 2.098 | - | 2.143 |
| 2019 | 2.160 | 2.155 | 2.379 | 1.776 | 1.705 | 1.810 | 2.543 | 2.540 | 2.548 | 1.978 | - | 2.033 |
| 2020 | | | | | | | | | | | | |
| January | 2.069 | 2.062 | 2.211 | 1.662 | 1.627 | 1.695 | 2.446 | 2.442 | 2.431 | 1.862 | - | 1.918 |
| February | 1.975 | 1.969 | 2.180 | 1.584 | 1.530 | 1.620 | 2.368 | 2.363 | 2.392 | 1.787 | - | 1.849 |
| March | 1.764 | 1.760 | 1.817 | 1.028 | 1.077 | 1.077 | 2.212 | 2.205 | 1.984 | 1.216 | - | 1.279 |
| April | 1.385 | 1.380 | 1.234 | 0.563 | 0.551 | 0.599 | 1.840 | 1.829 | 1.437 | 0.771 | - | 0.820 |
| May | 1.504 | 1.501 | 1.430 | 0.983 | 0.786 | 1.001 | 1.869 | 1.863 | 1.661 | 1.173 | - | 1.209 |
| June | 1.677 | 1.673 | 1.700 | 1.242 | 1.077 | 1.262 | 2.038 | 2.033 | 1.901 | 1.434 | - | 1.468 |
| July | 1.709 | 1.708 | 1.775 | 1.305 | 1.198 | 1.330 | 2.092 | 2.087 | 1.989 | 1.496 | - | 1.530 |
| August | 1.713 | 1.711 | 1.825 | 1.311 | 1.197 | 1.338 | 2.111 | 2.106 | 2.043 | 1.503 | - | 1.545 |
| September | 1.700 | 1.698 | 1.798 | 1.276 | 1.192 | 1.304 | 2.111 | 2.106 | 2.007 | 1.466 | - | 1.507 |
| October | 1.668 | 1.666 | 1.748 | 1.237 | 1.190 | 1.266 | 2.088 | 2.083 | 1.986 | 1.416 | - | 1.461 |
| November | 1.630 | 1.629 | 1.747 | 1.212 | 1.134 | 1.240 | 2.049 | 2.044 | 1.938 | 1.389 | - | 1.441 |
| December | 1.728 | 1.725 | 1.790 | 1.325 | 1.291 | 1.350 | 2.117 | 2.113 | 1.993 | 1.499 | - | 1.542 |
| 2020 | 1.733 | 1.730 | 1.804 | 1.252 | 1.193 | 1.282 | 2.128 | 2.123 | 2.017 | 1.434 | - | 1.482 |
| 2021 | | | | | | | | | | | | |
| January | 1.887 | 1.884 | 1.978 | 1.505 | 1.503 | 1.531 | 2.275 | 2.271 | 2.183 | 1.679 | - | 1.727 |
| February | 2.104 | 2.102 | 2.181 | 1.713 | 1.668 | 1.739 | 2.488 | 2.481 | 2.382 | 1.892 | - | 1.938 |
| March | 2.343 | 2.341 | 2.463 | 1.934 | 1.889 | 1.963 | 2.748 | 2.742 | 2.663 | 2.142 | - | 2.188 |
| April | 2.390 | 2.389 | 2.558 | 1.970 | 1.934 | 2.003 | 2.801 | 2.795 | 2.785 | 2.179 | - | 2.232 |
| May | 2.569 | 2.566 | 2.702 | 2.092 | 2.077 | 2.128 | 2.981 | 2.972 | 2.894 | 2.303 | - | 2.353 |
| June | 2.884 | 2.868 | 2.769 | 2.162 | 2.097 | 2.198 | 3.197 | 3.171 | 2.960 | 2.399 | - | 2.448 |
| July | 2.985 | 2.969 | 2.844 | 2.246 | 2.203 | 2.281 | 3.313 | 3.295 | 3.044 | 2.496 | - | 2.543 |
| August | 3.026 | 3.008 | 2.873 | 2.206 | 2.208 | 2.247 | 3.367 | 3.348 | 3.072 | 2.447 | - | 2.502 |
| September | 3.021 | 3.003 | 2.825 | 2.225 | 2.141 | 2.259 | 3.387 | 3.365 | 3.014 | 2.447 | - | 2.502 |
| October | 3.081 | 3.061 | 3.000 | 2.411 | 2.363 | 2.445 | 3.457 | 3.435 | 3.177 | 2.598 | - | 2.658 |
| November | 3.201 | R3.172 | 3.119 | 2.395 | R2.309 | 2.435 | 3.608 | 3.586 | R3.264 | 2.565 | - | 2.641 |
| December | 3.165 | 3.135 | 2.995 | 2.212 | 2.139 | 2.256 | 3.581 | 3.559 | 3.104 | 2.365 | - | 2.448 |

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

| Year month | Premium | | | | | | All grades | | | | | |
|-------------|------------------------------|------------|------------------|--------|-------|---------|------------------------------|------------|------------------|--------|--------|---------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average |
| 1994 | 0.873 | 0.865 | 0.787 | 0.640 | 0.556 | 0.695 | 0.744 | 0.738 | 0.693 | 0.567 | 0.509 | 0.599 |
| 1995 | 0.897 | 0.890 | 0.822 | 0.673 | 0.583 | 0.722 | 0.771 | 0.765 | 0.729 | 0.598 | 0.540 | 0.626 |
| 1996 | 0.979 | 0.972 | 0.897 | 0.762 | 0.669 | 0.803 | 0.853 | 0.847 | 0.809 | 0.690 | 0.627 | 0.713 |
| 1997 | 0.979 | 0.973 | 0.895 | 0.749 | 0.658 | 0.792 | 0.844 | 0.839 | 0.803 | 0.674 | 0.620 | 0.70 |
| 1998 | 0.811 | 0.805 | 0.726 | 0.573 | 0.489 | 0.617 | 0.678 | 0.673 | 0.636 | 0.50 | 0.454 | 0.526 |
| 1999 | 0.912 | 0.906 | 0.851 | 0.687 | 0.585 | 0.726 | 0.785 | 0.781 | 0.765 | 0.621 | 0.549 | 0.645 |
| 2000 | 1.250 | 1.242 | 1.174 | 1.017 | 0.927 | 1.055 | 1.111 | 1.106 | 1.074 | 0.940 | 0.879 | 0.963 |
| 2001 | 1.181 | 1.175 | 1.112 | 0.936 | 0.830 | 0.980 | 1.035 | 1.032 | 1.009 | 0.862 | 0.791 | 0.886 |
| 2002 | 1.094 | 1.088 | 1.030 | 0.899 | 0.80 | 0.928 | 0.949 | 0.947 | 0.922 | 0.816 | 0.741 | 0.828 |
| 2003 | 1.312 | 1.305 | 1.269 | 1.064 | 0.955 | 1.113 | 1.160 | 1.156 | 1.164 | 0.978 | 0.893 | 1.002 |
| 2004 | 1.603 | 1.596 | 1.553 | 1.361 | 1.274 | 1.408 | 1.439 | 1.435 | 1.442 | 1.270 | 1.187 | 1.288 |
| 2005 | 2 | 1.992 | 1.901 | 1.760 | 1.696 | 1.789 | 1.833 | 1.829 | 1.791 | 1.664 | 1.576 | 1.670 |
| 2006 | 2.326 | 2.320 | 2.231 | 2.093 | 1.988 | 2.117 | 2.131 | 2.128 | 2.110 | 1.959 | 1.873 | 1.969 |
| 2007 | 2.558 | 2.552 | 2.460 | 2.339 | 2.209 | 2.357 | 2.349 | 2.345 | 2.311 | 2.180 | 2.080 | 2.182 |
| 2008 | 2.971 | 2.965 | 2.846 | 2.718 | 2.689 | 2.746 | 2.778 | 2.775 | 2.726 | 2.572 | 2.532 | 2.586 |
| 2009 | 2.128 | 2.122 | 2.059 | 1.941 | 1.816 | 1.958 | 1.892 | 1.888 | 1.899 | 1.761 | 1.675 | 1.767 |
| 2010 | 2.543 | 2.536 | 2.446 | 2.334 | 2.187 | 2.346 | 2.306 | 2.301 | 2.293 | 2.162 | 2.078 | 2.165 |
| 2011 | 3.291 | 3.283 | 3.139 | 3.047 | 2.873 | 3.049 | 3.058 | 3.050 | 2.990 | 2.864 | 2.769 | 2.867 |
| 2012 | 3.413 | 3.400 | 3.273 | 3.149 | 3.102 | 3.163 | 3.168 | 3.154 | 3.117 | 2.916 | 2.861 | 2.929 |
| 2013 | 3.320 | 3.307 | 3.108 | 3.076 | 3.010 | 3.075 | 3.068 | 3.049 | 2.942 | 2.801 | 2.774 | 2.812 |
| 2014 | 3.152 | 3.138 | 2.941 | 2.878 | 2.783 | 2.880 | 2.876 | 2.855 | 2.800 | 2.606 | 2.548 | 2.618 |
| 2015 | 2.392 | 2.386 | 2.312 | 2.035 | 1.845 | 2.061 | 2.006 | 2.003 | 2.148 | 1.696 | 1.627 | 1.726 |
| 2016 | 2.134 | 2.132 | 1.939 | 1.757 | 1.535 | 1.767 | 1.731 | 1.730 | 1.754 | 1.434 | 1.374 | 1.454 |
| 2017 | 2.416 | 2.413 | 2.204 | 1.973 | 1.825 | 1.997 | 1.978 | 1.976 | 2.013 | 1.665 | 1.644 | 1.689 |
| 2018 | 2.790 | 2.784 | 2.605 | 2.256 | 2.105 | 2.293 | 2.306 | 2.303 | 2.413 | 1.947 | 1.942 | 1.980 |
| 2019 | 2.785 | 2.772 | 2.652 | 2.147 | 1.967 | 2.202 | 2.251 | 2.245 | 2.439 | 1.818 | 1.737 | 1.858 |
| 2020 | | | | | | | | | | | | |
| January | 2.698 | 2.682 | 2.518 | 2.026 | 1.887 | 2.081 | 2.157 | 2.150 | 2.279 | 1.704 | 1.662 | 1.743 |
| February | 2.625 | 2.608 | 2.480 | 1.950 | 1.814 | 2.013 | 2.067 | 2.060 | 2.246 | 1.626 | 1.563 | 1.669 |
| March | 2.455 | 2.450 | 2.092 | 1.403 | 1.236 | 1.476 | 1.867 | 1.862 | 1.878 | 1.072 | 1.100 | 1.127 |
| April | 2.093 | 2.089 | 1.505 | 0.894 | 0.683 | 0.949 | 1.496 | 1.490 | 1.297 | 0.602 | 0.579 | 0.645 |
| May | 2.118 | 2.115 | 1.737 | 1.322 | 1.028 | 1.359 | 1.602 | 1.598 | 1.503 | 1.027 | 0.816 | 1.049 |
| June | 2.277 | 2.276 | 1.996 | 1.585 | 1.277 | 1.614 | 1.772 | 1.768 | 1.770 | 1.286 | 1.117 | 1.311 |
| July | 2.335 | 2.334 | 2.081 | 1.652 | 1.336 | 1.692 | 1.808 | 1.806 | 1.849 | 1.351 | 1.221 | 1.380 |
| August | 2.355 | 2.354 | 2.140 | 1.652 | 1.341 | 1.700 | 1.816 | 1.814 | 1.901 | 1.356 | 1.216 | 1.389 |
| September | 2.355 | 2.354 | 2.105 | 1.607 | 1.309 | 1.653 | 1.806 | 1.804 | 1.873 | 1.320 | 1.216 | 1.354 |
| October | 2.336 | 2.334 | 2.052 | 1.552 | 1.242 | 1.596 | 1.775 | 1.773 | 1.823 | 1.278 | 1.203 | 1.312 |
| November | 2.302 | 2.300 | 2.051 | 1.528 | 1.189 | 1.567 | 1.738 | 1.736 | 1.824 | 1.253 | 1.148 | 1.287 |
| December | 2.375 | 2.373 | 2.097 | 1.631 | 1.391 | 1.677 | 1.831 | 1.828 | 1.868 | 1.364 | 1.311 | 1.394 |
| 2020 | 2.373 | 2.369 | 2.098 | 1.589 | 1.316 | 1.636 | 1.832 | 1.829 | 1.874 | 1.294 | 1.214 | 1.330 |
| 2021 | | | | | | | | | | | | |
| January | 2.531 | 2.530 | 2.298 | 1.807 | 1.551 | 1.851 | 1.988 | 1.986 | 2.059 | 1.543 | 1.515 | 1.575 |
| February | 2.747 | 2.745 | 2.505 | 2.026 | 1.803 | 2.075 | 2.204 | 2.201 | 2.262 | 1.752 | 1.694 | 1.784 |
| March | 2.998 | 2.996 | 2.788 | 2.276 | 2.051 | 2.331 | 2.445 | 2.442 | 2.543 | 1.976 | 1.914 | 2.011 |
| April | 3.055 | 3.054 | 2.895 | 2.320 | 2.095 | 2.378 | 2.495 | 2.493 | 2.641 | 2.015 | 1.967 | 2.055 |
| May | 3.235 | 3.232 | 3.037 | 2.452 | 2.203 | 2.510 | 2.687 | 2.683 | 2.782 | 2.138 | 2.101 | 2.181 |
| June | 3.410 | 3.403 | 3.115 | 2.537 | 2.289 | 2.598 | 3.017 | 3.000 | 2.849 | 2.210 | 2.126 | 2.252 |
| July | 3.531 | 3.526 | 3.192 | 2.638 | 2.377 | 2.695 | 3.121 | 3.105 | 2.925 | 2.296 | 2.232 | 2.337 |
| August | 3.584 | 3.578 | 3.207 | 2.594 | 2.420 | 2.664 | 3.165 | 3.146 | 2.951 | 2.255 | 2.239 | 2.302 |
| September | 3.565 | 3.559 | 3.153 | 2.584 | 2.323 | 2.643 | 3.162 | 3.143 | 2.902 | 2.269 | 2.176 | 2.310 |
| October | 3.630 | 3.623 | 3.331 | 2.757 | 2.513 | 2.820 | 3.221 | 3.201 | 3.078 | 2.453 | 2.387 | 2.494 |
| November | 3.789 | 3.779 | R3.446 | R2.755 | 2.360 | R2.822 | 3.346 | 3.318 | R3.195 | R2.437 | R2.317 | R2.484 |
| December | 3.762 | 3.750 | 3.306 | 2.559 | 2.260 | 2.639 | 3.312 | 3.283 | 3.067 | 2.253 | 2.157 | 2.304 |

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type
million gallons per day

| Year month | Regular | | | | | | Midgrade | | | | | |
|-------------|------------------------------|----------|------------------|-------|------|--------|------------------------------|----------|------------------|------|------|-------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total |
| 1994 | 34.3 | 35.9 | 47.7 | 120.3 | 24.3 | 192.3 | 8.5 | 8.7 | 12.8 | 15.7 | 0.2 | 28.7 |
| 1995 | 34.3 | 35.9 | 43.8 | 126.2 | 31.8 | 201.8 | 9.6 | 9.8 | 13.3 | 17.2 | 0.1 | 30.6 |
| 1996 | 37.2 | 38.9 | 46.5 | 131.9 | 35.2 | 213.6 | 9.5 | 9.8 | 12.9 | 16.6 | NA | 29.5 |
| 1997 | 40.5 | 42.4 | 46.2 | 135.7 | 33.9 | 215.8 | 9.7 | 10.0 | 12.1 | 16.3 | NA | 28.4 |
| 1998 | 41.7 | 43.2 | 44.4 | 138.9 | 37.1 | 220.3 | 10.1 | 10.3 | 11.1 | 16.3 | NA | 27.4 |
| 1999 | 41.6 | 43.0 | 45.6 | 147.5 | 34.5 | 227.6 | 9.9 | 10.1 | 10.5 | 16.1 | NA | 26.6 |
| 2000 | 43.6 | 45.0 | 47.5 | 159.3 | 32.4 | 239.3 | 8.6 | 8.7 | 8.8 | 14.2 | - | 23.0 |
| 2001 | 45.0 | 46.3 | 47.2 | 163.2 | 33.0 | 243.5 | 8.3 | 8.4 | 7.8 | 13.3 | - | 21.1 |
| 2002 | 46.2 | 47.4 | 46.9 | 163.0 | 39.2 | 249.2 | 8.3 | 8.5 | 7.4 | 13.4 | - | 20.8 |
| 2003 | 47.3 | 48.6 | 43.5 | 171.4 | 40.1 | 255.0 | 7.8 | 7.9 | 5.5 | 13.1 | - | 18.6 |
| 2004 | 44.5 | 45.8 | 41.1 | 182.1 | 42.2 | 265.4 | 6.4 | 6.5 | 4.4 | 12.7 | - | 17.0 |
| 2005 | 46.4 | 47.5 | 37.5 | 189.8 | 45.8 | 273.2 | 5.9 | 6.0 | 3.2 | 13.5 | - | 16.7 |
| 2006 | 48.2 | 49.4 | 34.8 | 196.0 | 40.8 | 271.7 | 5.5 | 5.5 | 2.4 | 11.7 | - | 14.1 |
| 2007 | 47.0 | 47.8 | 34.0 | 195.7 | 46.8 | 276.6 | 5.0 | 5.0 | 2.0 | 11.7 | - | 13.7 |
| 2008 | 45.6 | 46.6 | 32.5 | 192.7 | 43.7 | 268.8 | 4.1 | 4.2 | 1.5 | 11.0 | - | 12.5 |
| 2009 | 40.5 | 42.2 | 32.4 | 196.8 | 39.3 | 268.5 | 3.5 | 3.5 | 1.3 | 10.2 | - | 11.5 |
| 2010 | 36.6 | 38.1 | 29.0 | 202.2 | 41.4 | 272.5 | 3.0 | 3.1 | 0.9 | 9.9 | - | 10.8 |
| 2011 | 32.1 | 33.5 | 24.9 | 204.9 | 30.5 | 260.2 | 2.5 | 2.5 | 0.7 | 8.5 | - | 9.2 |
| 2012 | 23.6 | 25.2 | 22.4 | 209.3 | 25.8 | 257.5 | 1.9 | 1.9 | 0.6 | 8.3 | - | 8.9 |
| 2013 | 19.3 | 20.9 | 22.7 | 209.2 | 22.3 | 254.2 | 1.6 | 1.6 | 0.6 | 6.7 | - | 7.2 |
| 2014 | 16.7 | 18.2 | 18.9 | 216.9 | 18.9 | 254.8 | 1.4 | 1.4 | 0.4 | 3.1 | - | 3.5 |
| 2015 | 20.8 | 21.1 | 18.0 | 224.2 | 19.6 | 261.8 | 1.7 | 1.8 | 0.3 | 2.7 | - | 3.1 |
| 2016 | 20.8 | 21.0 | 17.9 | 228.0 | 19.0 | 264.9 | 1.8 | 1.8 | 0.3 | 2.5 | - | 2.8 |
| 2017 | 20.0 | 20.2 | 17.2 | 230.5 | 15.6 | 263.4 | 1.7 | 1.7 | 0.3 | 2.1 | - | 2.4 |
| 2018 | 19.9 | 20.1 | 17.0 | 232.6 | 18.1 | 267.7 | 1.6 | 1.7 | 0.2 | 1.8 | - | 2.1 |
| 2019 | 19.8 | 20.1 | 16.7 | 234.2 | 13.1 | 264.0 | 1.6 | 1.6 | 0.2 | 1.6 | - | 1.8 |
| 2020 | | | | | | | | | | | | |
| January | 18.6 | 19.0 | 15.8 | 219.5 | 11.8 | 247.2 | 1.5 | 1.5 | 0.1 | 1.3 | - | 1.5 |
| February | 19.0 | 19.4 | 16.4 | 225.9 | 11.1 | 253.4 | 1.5 | 1.5 | 0.2 | 1.3 | - | 1.5 |
| March | 15.2 | 15.3 | 13.0 | 196.2 | 9.3 | 218.6 | 1.2 | 1.3 | 0.1 | 1.3 | - | 1.4 |
| April | 10.0 | 10.1 | 8.9 | 148.9 | 5.4 | 163.2 | 0.9 | 0.9 | 0.1 | 1.0 | - | 1.1 |
| May | 12.5 | 12.7 | 11.6 | 179.7 | 8.4 | 199.7 | 1.1 | 1.1 | 0.1 | 1.3 | - | 1.4 |
| June | 15.4 | 15.5 | 13.2 | 211.0 | 8.3 | 232.4 | 1.3 | 1.4 | 0.1 | 1.5 | - | 1.6 |
| July | 16.6 | 16.7 | 13.6 | 216.5 | 5.6 | 235.6 | 1.4 | 1.5 | 0.1 | 1.6 | - | 1.7 |
| August | 16.6 | 16.8 | 14.0 | 217.3 | 6.6 | 237.8 | 1.5 | 1.5 | 0.1 | 1.5 | - | 1.7 |
| September | 16.5 | 16.6 | 13.8 | 214.3 | 6.0 | 234.0 | 1.5 | 1.5 | 0.1 | 1.4 | - | 1.5 |
| October | 16.7 | 16.8 | 13.7 | 214.2 | 5.6 | 233.4 | 1.5 | 1.5 | 0.1 | 1.3 | - | 1.4 |
| November | 15.3 | 15.5 | 12.7 | 203.0 | 7.1 | 222.8 | 1.4 | 1.4 | 0.1 | 1.2 | - | 1.3 |
| December | 15.1 | 15.2 | 12.0 | 203.8 | 5.1 | 221.0 | 1.3 | 1.4 | 0.1 | 1.1 | - | 1.3 |
| 2020 | 15.6 | 15.8 | 13.2 | 204.2 | 7.5 | 224.9 | 1.3 | 1.4 | 0.1 | 1.3 | - | 1.4 |
| 2021 | | | | | | | | | | | | |
| January | 14.6 | 14.7 | 11.7 | 195.7 | 4.8 | 212.3 | 1.3 | 1.3 | 0.1 | 1.0 | - | 1.2 |
| February | 14.9 | 15.1 | 12.4 | 197.4 | 6.6 | 216.4 | 1.3 | 1.4 | 0.1 | 1.1 | - | 1.2 |
| March | 16.3 | 16.4 | 13.3 | 216.3 | 5.9 | 235.6 | 1.4 | 1.4 | 0.1 | 1.2 | - | 1.3 |
| April | 16.9 | 17.0 | 14.0 | 223.6 | 6.3 | 243.8 | 1.5 | 1.5 | 0.1 | 1.3 | - | 1.4 |
| May | 9.6 | 9.7 | 15.2 | 233.2 | 7.4 | 255.8 | 0.9 | 1.0 | 0.1 | 1.5 | - | 1.6 |
| June | 3.4 | 3.5 | 16.6 | 244.8 | 8.2 | 269.6 | 0.5 | 0.5 | 0.1 | 1.5 | - | 1.7 |
| July | 3.3 | 3.5 | 16.7 | 245.3 | 7.7 | 269.7 | 0.5 | 0.5 | 0.2 | 1.6 | - | 1.7 |
| August | 3.3 | 3.4 | 16.1 | 244.7 | 6.0 | 266.8 | 0.5 | 0.5 | 0.1 | 1.5 | - | 1.7 |
| September | 3.2 | 3.4 | 16.0 | 239.7 | 7.1 | 262.7 | 0.5 | 0.5 | 0.1 | 1.3 | - | 1.5 |
| October | 3.2 | 3.3 | 15.5 | 234.8 | 6.8 | 257.1 | 0.4 | 0.5 | 0.1 | 1.2 | - | 1.3 |
| November | 3.2 | 3.3 | 15.3 | 235.6 | R8.7 | R259.6 | 0.4 | 0.4 | 0.1 | 1.1 | - | 1.3 |
| December | 3.1 | 3.2 | 15.0 | 232.0 | 8.2 | 255.1 | 0.4 | 0.4 | 0.1 | 1.1 | - | 1.2 |

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

| Year month | Premium | | | | | | All grades | | | | | |
|-------------|------------------------------|----------|------------------|------|------|-------|------------------------------|----------|------------------|-------|-------|--------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total |
| 1994 | 10.0 | 10.3 | 22.6 | 29.9 | 3.2 | 55.7 | 52.8 | 55.0 | 83.1 | 165.9 | 27.7 | 276.7 |
| 1995 | 9.8 | 10.2 | 20.8 | 31.5 | 4.2 | 56.4 | 53.7 | 55.9 | 77.9 | 174.8 | 36.0 | 288.8 |
| 1996 | 8.4 | 8.8 | 18.2 | 28.3 | 4.1 | 50.5 | 55.1 | 57.5 | 77.5 | 176.8 | 39.3 | 293.6 |
| 1997 | 8.4 | 8.8 | 16.9 | 27.6 | 4.0 | 48.5 | 58.7 | 61.1 | 75.1 | 179.6 | 38.0 | 292.7 |
| 1998 | 9.6 | 9.9 | 17.4 | 30.9 | 4.3 | 52.7 | 61.4 | 63.3 | 73.0 | 186.1 | 41.4 | 300.4 |
| 1999 | 8.7 | 8.9 | 16.1 | 31.0 | 5.7 | 52.7 | 60.2 | 62.0 | 72.2 | 194.6 | 40.2 | 306.9 |
| 2000 | 6.9 | 7.1 | 13.0 | 24.4 | 4.7 | 42.1 | 59.1 | 60.9 | 69.4 | 197.9 | 37.1 | 304.4 |
| 2001 | 7.1 | 7.3 | 12.3 | 24.6 | 3.7 | 40.6 | 60.4 | 62.0 | 67.4 | 201.1 | 36.7 | 305.2 |
| 2002 | 7.5 | 7.8 | 12.5 | 25.2 | 4.1 | 41.8 | 62.1 | 63.6 | 66.9 | 201.7 | 43.3 | 311.8 |
| 2003 | 7.1 | 7.3 | 10.8 | 23.9 | 3.3 | 38.1 | 62.2 | 63.8 | 59.8 | 208.4 | 43.4 | 311.6 |
| 2004 | 5.9 | 6.1 | 9.4 | 22.3 | 2.3 | 34.0 | 56.9 | 58.4 | 54.8 | 217.1 | 44.5 | 316.4 |
| 2005 | 5.2 | 5.4 | 8.0 | 20.9 | 3.0 | 31.9 | 57.5 | 59.0 | 48.7 | 224.2 | 48.9 | 321.8 |
| 2006 | 4.9 | 5.1 | 7.1 | 20.3 | 2.4 | 29.7 | 58.6 | 60.0 | 44.3 | 228.0 | 43.2 | 315.6 |
| 2007 | 4.7 | 4.8 | 6.9 | 20.2 | 2.4 | 29.5 | 56.7 | 57.7 | 43.0 | 227.6 | 49.2 | 319.8 |
| 2008 | 4.2 | 4.3 | 5.9 | 17.1 | 1.9 | 25.0 | 53.9 | 55.1 | 39.9 | 220.8 | 45.7 | 306.4 |
| 2009 | 4.0 | 4.1 | 6.3 | 19.1 | 2.1 | 27.4 | 48.0 | 49.8 | 39.9 | 226.1 | 41.4 | 307.4 |
| 2010 | 3.4 | 3.5 | 5.7 | 20.9 | 2.1 | 28.7 | 43.1 | 44.7 | 35.7 | 232.9 | 43.5 | 312.0 |
| 2011 | 2.9 | 3.0 | 4.6 | 20.3 | 2.0 | 26.9 | 37.5 | 39.0 | 30.1 | 233.7 | 32.5 | 296.3 |
| 2012 | 2.5 | 2.6 | 4.2 | 21.6 | 2.6 | 28.4 | 28.0 | 29.7 | 27.2 | 239.2 | 28.4 | 294.7 |
| 2013 | 2.2 | 2.3 | 4.3 | 22.7 | 2.6 | 29.6 | 23.0 | 24.7 | 27.6 | 238.6 | 24.8 | 291.0 |
| 2014 | 1.9 | 2.0 | 4.2 | 24.4 | 2.3 | 30.9 | 19.9 | 21.6 | 23.5 | 244.5 | 21.2 | 289.2 |
| 2015 | 2.6 | 2.6 | 4.5 | 27.3 | 2.0 | 33.8 | 25.1 | 25.5 | 22.9 | 254.2 | 21.6 | 298.7 |
| 2016 | 2.7 | 2.7 | 5.0 | 28.8 | 2.4 | 36.1 | 25.3 | 25.6 | 23.2 | 259.3 | 21.3 | 303.8 |
| 2017 | 2.5 | 2.6 | 4.9 | 29.0 | 1.9 | 35.7 | 24.2 | 24.5 | 22.4 | 261.6 | 17.5 | 301.5 |
| 2018 | 2.4 | 2.5 | 4.7 | 28.8 | 2.0 | 35.6 | 23.9 | 24.3 | 22.0 | 263.3 | 20.1 | 305.4 |
| 2019 | 2.5 | 2.5 | 4.6 | 29.7 | 1.8 | 36.1 | 23.8 | 24.2 | 21.4 | 265.6 | 14.9 | 301.9 |
| 2020 | | | | | | | | | | | | |
| January | 2.3 | 2.3 | 4.4 | 27.9 | 1.8 | 34.1 | 22.4 | 22.8 | 20.3 | 248.8 | 13.7 | 282.8 |
| February | 2.3 | 2.4 | 4.6 | 29.0 | 1.5 | 35.0 | 22.9 | 23.3 | 21.1 | 256.3 | 12.6 | 290.0 |
| March | 1.9 | 1.9 | 3.7 | 25.7 | 1.6 | 30.9 | 18.3 | 18.5 | 16.8 | 223.2 | 10.9 | 250.9 |
| April | 1.4 | 1.4 | 2.6 | 19.7 | 1.5 | 23.8 | 12.2 | 12.4 | 11.6 | 169.7 | 6.8 | 188.1 |
| May | 1.8 | 1.8 | 3.6 | 25.6 | 1.2 | 30.4 | 15.5 | 15.6 | 15.3 | 206.5 | 9.6 | 231.4 |
| June | 2.2 | 2.2 | 4.1 | 30.3 | 2.0 | 36.4 | 18.9 | 19.1 | 17.4 | 242.8 | 10.3 | 270.5 |
| July | 2.3 | 2.4 | 4.2 | 31.7 | 1.1 | 37.1 | 20.4 | 20.6 | 17.9 | 249.7 | 6.7 | 274.4 |
| August | 2.4 | 2.4 | 4.4 | 32.2 | 1.0 | 37.6 | 20.5 | 20.6 | 18.6 | 251.0 | 7.6 | 277.2 |
| September | 2.4 | 2.4 | 4.4 | 31.8 | 1.5 | 37.7 | 20.3 | 20.5 | 18.2 | 247.5 | 7.6 | 273.3 |
| October | 2.4 | 2.4 | 4.4 | 31.0 | 1.9 | 37.3 | 20.5 | 20.7 | 18.2 | 246.5 | 7.5 | 272.1 |
| November | 2.2 | 2.2 | 4.2 | 29.5 | 2.3 | 36.0 | 18.9 | 19.0 | 17.0 | 233.6 | 9.4 | 260.0 |
| December | 2.2 | 2.2 | 4.0 | 28.7 | 1.3 | 34.0 | 18.6 | 18.7 | 16.1 | 233.7 | 6.4 | 256.2 |
| 2020 | 2.1 | 2.2 | 4.0 | 28.6 | 1.6 | 34.2 | 19.1 | 19.3 | 17.4 | 234.1 | 9.1 | 260.5 |
| 2021 | | | | | | | | | | | | |
| January | 2.0 | 2.1 | 3.9 | 27.5 | 1.7 | 33.1 | 17.9 | 18.1 | 15.7 | 224.3 | 6.5 | 246.5 |
| February | 2.0 | 2.1 | 4.1 | 27.7 | 1.5 | 33.3 | 18.3 | 18.5 | 16.6 | 226.2 | 8.1 | 251.0 |
| March | 2.2 | 2.2 | 4.3 | 29.5 | 1.1 | 34.9 | 19.9 | 20.1 | 17.7 | 247.1 | 7.0 | 271.8 |
| April | 2.3 | 2.3 | 4.5 | 32.0 | 1.6 | 38.1 | 20.7 | 20.8 | 18.6 | 256.8 | 7.9 | 283.4 |
| May | 1.6 | 1.6 | 4.7 | 33.8 | 1.8 | 40.3 | 12.1 | 12.2 | 20.1 | 268.4 | 9.2 | 297.7 |
| June | 0.9 | 0.9 | 5.0 | 34.7 | 1.5 | 41.1 | 4.8 | 4.9 | 21.7 | 281.0 | 9.7 | 312.4 |
| July | 0.9 | 0.9 | 5.0 | 34.7 | 1.5 | 41.2 | 4.7 | 4.8 | 21.8 | 281.6 | 9.2 | 312.6 |
| August | 0.9 | 0.9 | 4.9 | 34.3 | 1.0 | 40.2 | 4.7 | 4.8 | 21.2 | 280.5 | 7.0 | 308.7 |
| September | 0.9 | 0.9 | 4.9 | 33.3 | 1.7 | 39.8 | 4.6 | 4.7 | 21.0 | 274.2 | 8.8 | 304.0 |
| October | 0.8 | 0.8 | 4.7 | 31.7 | 1.3 | 37.7 | 4.4 | 4.6 | 20.4 | 267.7 | 8.1 | 296.1 |
| November | 0.8 | 0.8 | R4.6 | 31.0 | 1.7 | 37.3 | 4.4 | R4.5 | R20.1 | 267.7 | R10.4 | R298.2 |
| December | 0.8 | 0.8 | 4.5 | 30.6 | 1.4 | 36.6 | 4.3 | 4.4 | 19.6 | 263.7 | 9.6 | 292.9 |

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

| Year month | Regular | | | | | | Midgrade | | | | | |
|-------------|------------------------------|------------|------------------|-------|-------|---------|------------------------------|------------|------------------|-------|------|---------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average |
| 1994 | 0.687 | 0.681 | 0.636 | 0.545 | 0.50 | 0.558 | 0.784 | 0.778 | 0.694 | NA | NA | 0.627 |
| 1995 | 0.710 | 0.704 | 0.651 | 0.570 | 0.525 | 0.573 | 0.80 | 0.794 | 0.711 | 0.610 | NA | 0.637 |
| 1996 | 0.797 | 0.791 | 0.743 | 0.665 | 0.607 | 0.664 | 0.884 | 0.878 | 0.801 | 0.70 | NA | 0.726 |
| 1997 | 0.781 | 0.775 | 0.719 | 0.649 | 0.60 | 0.648 | 0.874 | 0.869 | 0.783 | 0.685 | W | 0.708 |
| 1998 | 0.611 | 0.606 | 0.551 | 0.473 | 0.439 | 0.473 | 0.704 | 0.70 | 0.613 | 0.511 | W | 0.533 |
| 1999 | 0.710 | 0.706 | 0.676 | 0.595 | 0.520 | 0.590 | 0.802 | 0.799 | 0.734 | 0.628 | - | 0.650 |
| 2000 | 1.045 | 1.040 | 0.994 | 0.913 | 0.844 | 0.909 | 1.136 | 1.133 | 1.052 | 0.945 | - | 0.964 |
| 2001 | 0.961 | 0.958 | 0.914 | 0.835 | 0.761 | 0.830 | 1.058 | 1.055 | 0.984 | 0.872 | - | 0.889 |
| 2002 | 0.893 | 0.891 | 0.836 | 0.791 | 0.723 | 0.782 | 0.985 | 0.981 | 0.906 | 0.829 | - | 0.839 |
| 2003 | 1.081 | 1.078 | 1.040 | 0.952 | 0.871 | 0.942 | 1.173 | 1.168 | 1.108 | 0.994 | - | 1.006 |
| 2004 | 1.368 | 1.364 | 1.325 | 1.244 | 1.170 | 1.234 | 1.454 | 1.450 | 1.391 | 1.287 | - | 1.296 |
| 2005 | 1.780 | 1.776 | 1.709 | 1.643 | 1.555 | 1.629 | 1.861 | 1.857 | 1.781 | 1.675 | - | 1.682 |
| 2006 | 2.062 | 2.060 | 2.054 | 1.925 | 1.864 | 1.918 | 2.166 | 2.164 | 2.134 | 1.972 | - | 1.980 |
| 2007 | 2.292 | 2.289 | 2.242 | 2.153 | 2.065 | 2.138 | 2.392 | 2.390 | 2.298 | 2.222 | - | 2.225 |
| 2008 | 2.717 | 2.714 | 2.698 | 2.560 | 2.513 | 2.555 | 2.829 | 2.829 | 2.734 | 2.581 | - | 2.586 |
| 2009 | 1.825 | 1.821 | 1.817 | 1.735 | 1.657 | 1.723 | 1.936 | 1.936 | 1.877 | 1.751 | - | 1.755 |
| 2010 | 2.244 | 2.239 | 2.244 | 2.139 | 2.065 | 2.128 | 2.361 | 2.361 | 2.336 | 2.160 | - | 2.164 |
| 2011 | 2.998 | 2.989 | 2.916 | 2.834 | 2.751 | 2.825 | 3.105 | 3.104 | 3.033 | 2.869 | - | 2.872 |
| 2012 | 3.076 | 3.060 | 2.999 | 2.867 | 2.816 | 2.864 | 3.202 | 3.202 | 3.117 | 2.886 | - | 2.890 |
| 2013 | 2.975 | 2.954 | 2.797 | 2.745 | 2.724 | 2.745 | 3.110 | 3.110 | 2.947 | 2.850 | - | 2.852 |
| 2014 | 2.775 | 2.753 | 2.706 | 2.558 | 2.502 | 2.556 | 2.932 | 2.931 | 2.858 | 2.703 | - | 2.711 |
| 2015 | 1.833 | 1.833 | 1.858 | 1.625 | 1.575 | 1.625 | 2.033 | 2.032 | 2.090 | 1.794 | - | 1.809 |
| 2016 | 1.591 | 1.591 | 1.497 | 1.375 | 1.332 | 1.374 | 1.811 | 1.811 | 1.681 | 1.541 | - | 1.549 |
| 2017 | 1.829 | 1.829 | 1.780 | 1.607 | 1.602 | 1.610 | 2.082 | 2.080 | 1.954 | 1.781 | - | 1.791 |
| 2018 | 2.123 | 2.122 | 2.167 | 1.885 | 1.903 | 1.892 | 2.401 | 2.399 | 2.378 | 2.087 | - | 2.104 |
| 2019 | 2.021 | 2.017 | 2.061 | 1.740 | 1.656 | 1.741 | 2.298 | 2.296 | 2.295 | 1.945 | - | 1.960 |
| 2020 | | | | | | | | | | | | |
| January | 1.951 | 1.946 | 1.886 | 1.629 | W | 1.632 | 2.235 | 2.229 | W | W | - | 1.841 |
| February | 1.839 | 1.835 | 1.879 | 1.550 | W | 1.552 | 2.124 | 2.118 | W | 1.749 | - | 1.765 |
| March | 1.610 | 1.606 | 1.511 | 1.000 | W | 1.014 | 1.921 | 1.913 | W | 1.190 | - | 1.208 |
| April | 1.226 | 1.221 | 0.930 | 0.530 | W | 0.535 | 1.558 | 1.543 | 1.221 | 0.756 | - | 0.768 |
| May | 1.386 | 1.383 | 1.189 | 0.952 | W | 0.944 | 1.659 | 1.651 | 1.467 | 1.155 | - | 1.163 |
| June | 1.570 | 1.567 | 1.467 | 1.219 | 1.017 | 1.214 | 1.850 | 1.843 | 1.727 | 1.428 | - | 1.436 |
| July | 1.602 | 1.601 | 1.558 | 1.279 | W | 1.281 | 1.910 | 1.904 | W | 1.492 | - | 1.500 |
| August | 1.590 | 1.589 | 1.571 | 1.286 | W | 1.287 | 1.899 | 1.893 | W | 1.496 | - | 1.504 |
| September | 1.574 | 1.573 | 1.530 | 1.258 | W | 1.260 | 1.893 | 1.886 | W | 1.464 | - | 1.473 |
| October | 1.539 | 1.539 | 1.471 | 1.218 | W | 1.221 | 1.860 | 1.854 | W | 1.408 | - | 1.419 |
| November | 1.495 | 1.495 | 1.498 | 1.188 | W | 1.191 | 1.797 | 1.791 | 1.794 | 1.374 | - | 1.391 |
| December | 1.608 | 1.607 | 1.551 | 1.303 | W | 1.307 | 1.901 | 1.894 | W | 1.487 | - | 1.500 |
| 2020 | 1.604 | 1.603 | 1.536 | 1.223 | 1.173 | 1.227 | 1.900 | 1.893 | 1.820 | 1.414 | - | 1.427 |
| 2021 | | | | | | | | | | | | |
| January | 1.771 | 1.769 | 1.703 | 1.480 | W | 1.485 | 2.065 | 2.059 | W | 1.662 | - | 1.676 |
| February | 1.985 | 1.983 | 1.889 | 1.691 | W | 1.693 | 2.269 | 2.258 | W | 1.875 | - | 1.886 |
| March | 2.217 | 2.215 | 2.169 | 1.915 | W | 1.918 | 2.528 | 2.519 | W | 2.132 | - | 2.144 |
| April | 2.250 | 2.251 | 2.255 | 1.949 | W | 1.953 | 2.559 | 2.550 | W | 2.169 | - | 2.186 |
| May | 2.398 | 2.397 | 2.383 | 2.064 | W | 2.070 | 2.704 | 2.688 | W | 2.293 | - | 2.308 |
| June | 2.679 | 2.664 | 2.448 | 2.134 | W | 2.140 | 2.991 | 2.919 | W | 2.396 | - | 2.410 |
| July | 2.790 | 2.774 | 2.572 | 2.227 | W | 2.234 | 3.145 | 3.095 | W | 2.509 | - | 2.524 |
| August | 2.812 | 2.794 | 2.650 | 2.184 | W | 2.194 | 3.175 | 3.118 | W | 2.455 | - | 2.476 |
| September | 2.792 | 2.775 | 2.546 | 2.206 | W | 2.210 | 3.199 | 3.128 | W | 2.449 | - | 2.469 |
| October | 2.829 | 2.811 | 2.658 | 2.380 | W | 2.384 | 3.221 | 3.153 | W | 2.577 | - | 2.596 |
| November | 2.877 | R2.851 | 2.692 | 2.352 | W | R2.356 | 3.230 | R3.172 | W | 2.525 | - | 2.548 |
| December | 2.813 | 2.786 | 2.565 | 2.174 | W | 2.180 | 3.171 | 3.114 | W | 2.329 | - | 2.355 |

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

| Year month | Premium | | | | | | All grades | | | | | |
|-------------|------------------------|------------|------------------|-------|-------|---------|------------------------|------------|------------------|-------|-------|---------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average |
| 1994 | 0.863 | 0.855 | 0.778 | 0.638 | 0.555 | 0.682 | 0.736 | 0.729 | 0.683 | 0.565 | 0.507 | 0.589 |
| 1995 | 0.877 | 0.868 | 0.790 | 0.665 | 0.568 | 0.684 | 0.753 | 0.746 | 0.693 | 0.590 | 0.530 | 0.598 |
| 1996 | 0.960 | 0.951 | 0.869 | 0.755 | 0.645 | 0.767 | 0.834 | 0.827 | 0.778 | 0.682 | 0.610 | 0.685 |
| 1997 | 0.954 | 0.946 | 0.856 | 0.742 | 0.641 | 0.753 | 0.819 | 0.813 | 0.756 | 0.666 | 0.604 | 0.668 |
| 1998 | 0.783 | 0.776 | 0.684 | W | 0.474 | 0.576 | 0.652 | 0.647 | 0.589 | 0.491 | 0.442 | 0.494 |
| 1999 | 0.872 | 0.865 | 0.801 | 0.679 | 0.558 | 0.681 | 0.748 | 0.743 | 0.711 | 0.611 | 0.525 | 0.609 |
| 2000 | 1.211 | 1.201 | 1.120 | 1.002 | 0.897 | 1.005 | 1.076 | 1.071 | 1.023 | 0.926 | 0.849 | 0.925 |
| 2001 | 1.129 | 1.123 | 1.042 | 0.922 | 0.806 | 0.923 | 0.992 | 0.989 | 0.943 | 0.848 | 0.765 | 0.845 |
| 2002 | 1.064 | 1.058 | 0.978 | 0.889 | 0.788 | 0.886 | 0.924 | 0.921 | 0.867 | 0.806 | 0.729 | 0.798 |
| 2003 | 1.253 | 1.245 | 1.178 | 1.051 | 0.925 | 1.050 | 1.109 | 1.105 | 1.067 | 0.965 | 0.874 | 0.957 |
| 2004 | 1.544 | 1.534 | 1.466 | 1.347 | 1.248 | 1.348 | 1.391 | 1.387 | 1.348 | 1.257 | 1.174 | 1.247 |
| 2005 | 1.966 | 1.954 | 1.857 | 1.747 | 1.652 | 1.746 | 1.801 | 1.797 | 1.732 | 1.654 | 1.560 | 1.641 |
| 2006 | 2.274 | 2.265 | 2.215 | 2.070 | 1.981 | 2.071 | 2.084 | 2.082 | 2.077 | 1.940 | 1.869 | 1.933 |
| 2007 | 2.502 | 2.494 | 2.415 | 2.328 | 2.181 | 2.317 | 2.313 | 2.309 | 2.267 | 2.172 | 2.070 | 2.156 |
| 2008 | 2.928 | 2.921 | 2.851 | 2.726 | 2.650 | 2.726 | 2.736 | 2.733 | 2.716 | 2.573 | 2.518 | 2.568 |
| 2009 | 2.062 | 2.054 | 2.014 | 1.927 | 1.802 | 1.918 | 1.845 | 1.841 | 1.843 | 1.750 | 1.664 | 1.738 |
| 2010 | 2.489 | 2.478 | 2.443 | 2.329 | 2.172 | 2.318 | 2.264 | 2.259 | 2.270 | 2.155 | 2.069 | 2.143 |
| 2011 | 3.230 | 3.219 | 3.105 | 3.035 | 2.864 | 3.018 | 3.016 | 3.008 | 2.939 | 2.851 | 2.758 | 2.841 |
| 2012 | 3.316 | 3.299 | 3.194 | 3.116 | 3.094 | 3.116 | 3.098 | 3.083 | 3.024 | 2.887 | 2.843 | 2.886 |
| 2013 | 3.231 | 3.213 | 3.011 | 3.059 | 3.004 | 3.049 | 2.997 | 2.977 | 2.825 | 2.775 | 2.755 | 2.774 |
| 2014 | 3.063 | 3.043 | 2.901 | 2.885 | 2.794 | 2.875 | 2.800 | 2.778 | 2.736 | 2.589 | 2.535 | 2.587 |
| 2015 | 2.216 | 2.210 | 2.085 | 2.016 | 1.812 | 1.999 | 1.869 | 1.869 | 1.899 | 1.663 | 1.599 | 1.663 |
| 2016 | 2.042 | 2.037 | 1.709 | 1.758 | 1.510 | 1.731 | 1.635 | 1.634 | 1.536 | 1.414 | 1.353 | 1.411 |
| 2017 | 2.338 | 2.331 | 2.002 | 1.973 | 1.792 | 1.961 | 1.876 | 1.876 | 1.821 | 1.643 | 1.622 | 1.646 |
| 2018 | 2.676 | 2.663 | 2.413 | 2.260 | 2.066 | 2.249 | 2.173 | 2.171 | 2.213 | 1.922 | 1.919 | 1.928 |
| 2019 | 2.584 | 2.565 | 2.324 | 2.117 | 1.896 | 2.110 | 2.072 | 2.068 | 2.109 | 1.778 | 1.684 | 1.779 |
| 2020 | | | | | | | | | | | | |
| January | 2.528 | 2.504 | 2.138 | 1.988 | 1.826 | 1.982 | 2.001 | 1.995 | 1.934 | 1.665 | W | 1.668 |
| February | 2.421 | 2.399 | 2.146 | W | 1.741 | 1.916 | 1.890 | 1.886 | 1.930 | 1.587 | W | 1.590 |
| March | 2.223 | 2.216 | 1.768 | W | 1.179 | 1.388 | 1.667 | 1.663 | 1.560 | 1.041 | W | 1.054 |
| April | 1.857 | 1.850 | W | 0.869 | 0.648 | 0.858 | 1.291 | 1.286 | 0.971 | 0.567 | 0.538 | 0.572 |
| May | 1.964 | 1.960 | W | 1.299 | 0.949 | 1.285 | 1.446 | 1.443 | 1.240 | 0.992 | 0.749 | 0.984 |
| June | 2.143 | 2.142 | 1.733 | 1.577 | 1.229 | 1.555 | 1.629 | 1.626 | 1.523 | 1.260 | 1.059 | 1.256 |
| July | 2.208 | 2.207 | 1.813 | W | 1.334 | 1.635 | 1.665 | 1.664 | 1.612 | 1.322 | W | 1.324 |
| August | 2.194 | 2.193 | 1.829 | W | 1.337 | 1.637 | 1.654 | 1.653 | 1.625 | 1.328 | W | 1.329 |
| September | 2.185 | 2.183 | 1.789 | W | 1.307 | 1.598 | 1.638 | 1.637 | 1.584 | 1.298 | W | 1.301 |
| October | 2.158 | 2.156 | 1.730 | W | 1.264 | 1.542 | 1.603 | 1.602 | 1.524 | 1.255 | W | 1.259 |
| November | 2.103 | 2.101 | W | 1.515 | 1.229 | 1.503 | 1.556 | 1.555 | 1.554 | 1.224 | 1.159 | 1.228 |
| December | 2.207 | 2.206 | 1.809 | W | 1.387 | 1.611 | 1.669 | 1.667 | 1.605 | 1.338 | W | 1.342 |
| 2020 | 2.193 | 2.188 | 1.787 | 1.570 | 1.288 | 1.560 | 1.663 | 1.661 | 1.587 | 1.262 | 1.192 | 1.265 |
| 2021 | | | | | | | | | | | | |
| January | 2.368 | 2.366 | 1.965 | W | 1.545 | 1.774 | 1.830 | 1.828 | 1.758 | 1.515 | W | 1.519 |
| February | 2.570 | 2.567 | 2.161 | W | 1.799 | 1.999 | 2.041 | 2.039 | 1.946 | 1.726 | W | 1.728 |
| March | 2.825 | 2.823 | 2.467 | W | 2.051 | 2.267 | 2.276 | 2.274 | 2.228 | 1.953 | W | 1.957 |
| April | 2.858 | 2.857 | 2.578 | W | 2.089 | 2.306 | 2.311 | 2.311 | 2.320 | 1.990 | W | 1.995 |
| May | 3.021 | 3.016 | 2.699 | W | 2.196 | 2.423 | 2.464 | 2.462 | 2.445 | 2.106 | W | 2.112 |
| June | W | W | 2.768 | W | 2.310 | 2.518 | 2.766 | 2.745 | 2.508 | 2.178 | W | 2.184 |
| July | W | W | 2.914 | W | 2.452 | 2.643 | 2.878 | 2.859 | 2.634 | 2.274 | W | 2.282 |
| August | W | W | 2.987 | W | 2.415 | 2.604 | 2.900 | 2.878 | 2.713 | 2.230 | W | 2.241 |
| September | W | W | 2.840 | W | 2.308 | 2.570 | 2.879 | 2.859 | 2.602 | 2.246 | W | 2.251 |
| October | W | W | 2.935 | W | 2.505 | 2.722 | 2.908 | 2.887 | 2.710 | 2.416 | W | 2.421 |
| November | W | W | 2.974 | W | 2.346 | 2.680 | 2.946 | R2.918 | 2.746 | 2.387 | W | R2.391 |
| December | W | W | 2.815 | W | 2.253 | 2.509 | 2.884 | 2.855 | 2.613 | 2.208 | W | 2.215 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type
million gallons per day

| Year month | Regular | | | | | | Midgrade | | | | | |
|-------------|------------------------------|----------|------------------|-------|------|--------|------------------------------|----------|------------------|------|------|-------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total |
| 1994 | 29.7 | 31.2 | 36.1 | 113.5 | 22.8 | 172.4 | 7.6 | 7.8 | 10.1 | 14.6 | 0.1 | 24.8 |
| 1995 | 24.0 | 25.3 | 19.4 | 105.1 | 26.0 | 150.5 | 6.0 | 6.3 | 5.1 | 13.6 | 0.1 | 18.7 |
| 1996 | 24.1 | 25.4 | 17.8 | 108.5 | 27.1 | 153.4 | 5.7 | 5.9 | 4.4 | 12.9 | NA | 17.3 |
| 1997 | 25.0 | 26.4 | 16.4 | 110.9 | 26.4 | 153.7 | 5.7 | 5.9 | 3.9 | 12.7 | W | 16.6 |
| 1998 | 25.4 | 26.6 | 13.7 | 112.0 | 28.8 | 154.5 | 6.0 | 6.1 | 3.4 | 12.5 | W | 15.8 |
| 1999 | 25.0 | 26.0 | 13.4 | 117.4 | 24.9 | 155.8 | 5.9 | 6.0 | 3.1 | 12.2 | - | 15.3 |
| 2000 | 26.0 | 27.1 | 12.8 | 125.7 | 23.9 | 162.4 | 4.9 | 5.0 | 2.3 | 10.8 | - | 13.1 |
| 2001 | 26.6 | 27.4 | 12.0 | 128.5 | 24.0 | 164.5 | 4.6 | 4.7 | 1.9 | 10.2 | - | 12.0 |
| 2002 | 27.2 | 28.0 | 11.3 | 127.9 | 31.0 | 170.2 | 4.7 | 4.8 | 1.6 | 10.4 | - | 11.9 |
| 2003 | 27.5 | 28.3 | 10.3 | 131.1 | 32.4 | 173.8 | 4.3 | 4.4 | 1.2 | 10.0 | - | 11.2 |
| 2004 | 26.5 | 27.3 | 9.7 | 136.7 | 36.1 | 182.5 | 3.5 | 3.6 | 0.9 | 9.8 | - | 10.8 |
| 2005 | 27.4 | 28.3 | 9.0 | 140.1 | 36.4 | 185.5 | 3.1 | 3.2 | 0.7 | 10.8 | - | 11.5 |
| 2006 | 28.9 | 29.8 | 7.3 | 143.7 | 37.4 | 188.4 | 2.9 | 2.9 | 0.5 | 9.3 | - | 9.7 |
| 2007 | 29.6 | 30.2 | 7.4 | 150.3 | 43.0 | 200.7 | 2.6 | 2.6 | 0.5 | 10.3 | - | 10.8 |
| 2008 | 28.9 | 29.8 | 7.1 | 144.5 | 39.5 | 191.1 | 2.1 | 2.2 | 0.4 | 9.9 | - | 10.3 |
| 2009 | 26.5 | 27.8 | 6.6 | 147.0 | 35.9 | 189.5 | 1.9 | 1.9 | 0.3 | 9.1 | - | 9.4 |
| 2010 | 24.9 | 26.2 | 5.9 | 147.6 | 37.1 | 190.7 | 1.7 | 1.7 | 0.2 | 8.7 | - | 8.9 |
| 2011 | 21.3 | 22.4 | 5.4 | 147.3 | 26.3 | 179.0 | 1.3 | 1.3 | 0.1 | 7.4 | - | 7.5 |
| 2012 | 14.4 | 15.7 | 5.0 | 149.0 | 21.7 | 175.8 | 0.9 | 0.9 | 0.1 | 7.2 | - | 7.4 |
| 2013 | 11.6 | 13.0 | 6.2 | 149.9 | 18.8 | 174.9 | 0.7 | 0.7 | 0.1 | 5.7 | - | 5.8 |
| 2014 | 11.1 | 12.5 | 4.3 | 154.9 | 16.8 | 176.0 | 0.6 | 0.6 | 0.1 | 2.1 | - | 2.3 |
| 2015 | 14.0 | 14.3 | 3.9 | 160.7 | 16.8 | 181.4 | 0.8 | 0.8 | 0.1 | 1.9 | - | 2.0 |
| 2016 | 14.1 | 14.3 | 4.1 | 163.4 | 15.8 | 183.3 | 0.9 | 0.9 | 0.1 | 1.7 | - | 1.8 |
| 2017 | 13.3 | 13.5 | 3.9 | 165.5 | 13.0 | 182.4 | 0.8 | 0.8 | 0.1 | 1.5 | - | 1.6 |
| 2018 | 13.0 | 13.3 | 3.5 | 166.9 | 15.2 | 185.6 | 0.7 | 0.8 | 0.1 | 1.3 | - | 1.4 |
| 2019 | 13.1 | 13.4 | 3.4 | 168.8 | 10.7 | 183.0 | 0.7 | 0.7 | 0.1 | 1.2 | - | 1.3 |
| 2020 | | | | | | | | | | | | |
| January | 12.3 | 12.6 | 3.1 | W | W | 171.6 | 0.7 | 0.7 | W | W | - | 1.1 |
| February | 12.6 | 12.9 | W | 163.1 | W | 175.4 | 0.7 | 0.7 | W | W | - | 1.1 |
| March | 10.2 | 10.4 | W | 144.8 | W | 155.0 | 0.6 | 0.6 | W | W | - | 1.1 |
| April | 6.9 | 7.0 | W | 111.8 | W | 117.4 | 0.4 | 0.4 | 0.0 | 0.8 | - | 0.9 |
| May | 8.6 | 8.8 | W | 134.0 | W | 143.6 | 0.5 | 0.5 | 0.0 | 1.0 | - | 1.0 |
| June | 10.5 | 10.6 | 2.7 | 157.1 | 6.9 | 166.7 | 0.6 | 0.7 | 0.0 | 1.2 | - | 1.2 |
| July | 11.3 | 11.4 | W | 160.8 | W | 168.7 | 0.7 | 0.7 | W | W | - | 1.3 |
| August | 11.2 | 11.3 | W | 160.0 | W | 168.9 | 0.7 | 0.7 | W | W | - | 1.2 |
| September | 11.1 | 11.2 | W | 158.3 | W | 166.6 | 0.7 | 0.7 | W | W | - | 1.1 |
| October | 11.3 | 11.4 | W | 158.0 | W | 165.6 | 0.7 | 0.7 | W | W | - | 1.0 |
| November | 10.3 | 10.4 | W | 149.3 | W | 157.2 | 0.6 | 0.6 | 0.0 | 0.9 | - | 1.0 |
| December | 10.0 | 10.1 | W | 150.2 | W | 157.2 | 0.6 | 0.6 | W | W | - | 0.9 |
| 2021 | | | | | | | | | | | | |
| January | 9.8 | 9.9 | W | 144.0 | W | 150.7 | 0.6 | 0.6 | W | W | - | 0.9 |
| February | 10.0 | 10.1 | W | 145.8 | W | 153.9 | 0.6 | 0.6 | W | W | - | 0.9 |
| March | 10.9 | 11.0 | W | 159.4 | W | 167.2 | 0.6 | 0.7 | W | W | - | 1.0 |
| April | 11.3 | 11.4 | W | 164.8 | W | 173.4 | 0.7 | 0.7 | W | W | - | 1.1 |
| May | 6.1 | 6.2 | W | 171.6 | W | 180.9 | 0.4 | 0.4 | W | W | - | 1.2 |
| June | W | W | W | 180.4 | W | 190.0 | W | W | W | W | - | 1.3 |
| July | W | W | W | 181.2 | W | 190.5 | W | W | W | W | - | 1.3 |
| August | W | W | W | 180.1 | W | 187.5 | W | W | W | W | - | 1.3 |
| September | W | W | W | 176.7 | W | 185.1 | W | W | W | W | - | 1.1 |
| October | W | W | W | 172.1 | W | 180.7 | W | W | W | W | - | 0.9 |
| November | W | W | W | 172.9 | W | R183.3 | W | W | W | W | - | 0.9 |
| December | W | W | W | 170.0 | W | 179.3 | W | W | W | W | - | 0.9 |

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)
million gallons per day

| Year month | Premium | | | | | | All grades | | | | | |
|-------------|------------------------------|----------|------------------|------|------|-------|------------------------------|----------|------------------|-------|------|--------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total |
| 1994 | 8.5 | 8.9 | 16.5 | 28.0 | 2.8 | 47.2 | 45.8 | 47.9 | 62.7 | 156.0 | 25.8 | 244.5 |
| 1995 | 6.2 | 6.4 | 7.7 | 25.1 | 2.9 | 35.6 | 36.2 | 38.0 | 32.1 | 143.8 | 28.9 | 204.8 |
| 1996 | 4.9 | 5.1 | 5.8 | 22.5 | 2.5 | 30.8 | 34.7 | 36.5 | 28.1 | 143.8 | 29.6 | 201.5 |
| 1997 | 4.8 | 5.0 | 5.1 | 21.9 | 2.5 | 29.5 | 35.4 | 37.2 | 25.4 | 145.6 | 28.9 | 199.8 |
| 1998 | 5.5 | 5.7 | 4.7 | W | 2.7 | 31.9 | 36.9 | 38.5 | 21.8 | 148.9 | 31.5 | 202.2 |
| 1999 | 5.0 | 5.2 | 4.3 | 24.1 | 3.8 | 32.2 | 35.9 | 37.2 | 20.8 | 153.7 | 28.7 | 203.3 |
| 2000 | 3.7 | 3.9 | 3.1 | 18.6 | 2.8 | 24.5 | 34.7 | 35.9 | 18.2 | 155.1 | 26.7 | 200.0 |
| 2001 | 3.7 | 3.8 | 2.8 | 18.7 | 2.7 | 24.1 | 35.0 | 36.0 | 16.7 | 157.4 | 26.7 | 200.7 |
| 2002 | 3.8 | 4.0 | 2.6 | 19.1 | 3.0 | 24.7 | 35.8 | 36.8 | 15.5 | 157.4 | 34.0 | 206.9 |
| 2003 | 3.4 | 3.5 | 2.1 | 17.5 | 2.4 | 21.9 | 35.1 | 36.3 | 13.6 | 158.6 | 34.8 | 207.0 |
| 2004 | 2.6 | 2.8 | 1.6 | 15.8 | 1.7 | 19.2 | 32.6 | 33.7 | 12.3 | 162.3 | 37.8 | 212.4 |
| 2005 | 2.3 | 2.4 | 1.4 | 14.4 | 1.9 | 17.7 | 32.8 | 33.8 | 11.0 | 165.4 | 38.2 | 214.6 |
| 2006 | 2.1 | 2.2 | 1.1 | 13.9 | 1.7 | 16.6 | 33.9 | 35.0 | 8.8 | 166.8 | 39.1 | 214.7 |
| 2007 | 2.1 | 2.2 | 1.1 | 14.4 | 2.0 | 17.4 | 34.3 | 35.0 | 9.0 | 175.0 | 44.9 | 228.9 |
| 2008 | 1.8 | 1.9 | 0.9 | 11.7 | 1.5 | 14.2 | 32.9 | 33.9 | 8.4 | 166.2 | 41.0 | 215.6 |
| 2009 | 1.7 | 1.8 | 0.9 | 12.9 | 1.8 | 15.6 | 30.0 | 31.5 | 7.8 | 169.0 | 37.7 | 214.5 |
| 2010 | 1.5 | 1.6 | 0.8 | 13.5 | 1.7 | 15.9 | 28.2 | 29.5 | 6.9 | 169.8 | 38.8 | 215.5 |
| 2011 | 1.2 | 1.3 | 0.7 | 12.6 | 1.8 | 15.1 | 23.8 | 25.1 | 6.2 | 167.3 | 28.1 | 201.6 |
| 2012 | 1.0 | 1.1 | 0.7 | 13.2 | 2.4 | 16.2 | 16.3 | 17.7 | 5.8 | 169.5 | 24.1 | 199.4 |
| 2013 | 0.8 | 0.9 | 0.8 | 14.0 | 2.4 | 17.2 | 13.1 | 14.5 | 7.1 | 169.6 | 21.2 | 197.9 |
| 2014 | 0.7 | 0.8 | 0.7 | 15.1 | 2.1 | 17.9 | 12.5 | 14.0 | 5.1 | 172.1 | 18.9 | 196.2 |
| 2015 | 1.1 | 1.1 | 0.7 | 16.8 | 1.8 | 19.4 | 15.9 | 16.2 | 4.8 | 179.4 | 18.6 | 202.8 |
| 2016 | 1.1 | 1.2 | 0.8 | 17.7 | 2.1 | 20.6 | 16.1 | 16.4 | 5.0 | 182.8 | 17.9 | 205.7 |
| 2017 | 1.0 | 1.0 | 0.8 | 17.8 | 1.5 | 20.0 | 15.1 | 15.3 | 4.8 | 184.7 | 14.5 | 204.0 |
| 2018 | 1.0 | 1.0 | 0.7 | 17.8 | 1.7 | 20.2 | 14.7 | 15.0 | 4.4 | 185.9 | 16.9 | 207.2 |
| 2019 | 1.0 | 1.0 | 0.7 | 18.4 | 1.4 | 20.5 | 14.8 | 15.1 | 4.2 | 188.4 | 12.1 | 204.7 |
| 2020 | | | | | | | | | | | | |
| January | 0.9 | 0.9 | 0.7 | 17.1 | 1.4 | 19.3 | 13.8 | 14.1 | W | 176.7 | W | 191.9 |
| February | 0.9 | 1.0 | 0.7 | W | W | 19.5 | 14.2 | 14.6 | W | 181.9 | W | 196.0 |
| March | 0.8 | 0.8 | 0.6 | W | W | 18.1 | 11.6 | 11.8 | W | 162.1 | W | 174.1 |
| April | 0.6 | 0.6 | W | 13.1 | W | 14.8 | 7.9 | 8.0 | 2.1 | 125.7 | 5.2 | 133.0 |
| May | 0.8 | 0.8 | W | 16.9 | W | 18.4 | 10.0 | 10.1 | 2.9 | 152.0 | 8.2 | 163.0 |
| June | 0.9 | 1.0 | 0.7 | 19.8 | 1.7 | 22.1 | 12.1 | 12.2 | 3.4 | 178.0 | 8.6 | 190.0 |
| July | 1.0 | 1.0 | 0.7 | W | W | 22.3 | 13.0 | 13.1 | W | 182.6 | W | 192.3 |
| August | 1.0 | 1.0 | 0.8 | W | W | 22.3 | 12.8 | 13.0 | W | 181.8 | W | 192.4 |
| September | 1.0 | 1.0 | 0.7 | W | W | 22.2 | 12.7 | 12.9 | W | 179.5 | W | 189.9 |
| October | 1.0 | 1.0 | 0.7 | W | W | 21.3 | 12.9 | 13.0 | W | 178.7 | W | 188.0 |
| November | 0.9 | 0.9 | W | 18.5 | W | 20.5 | 11.7 | 11.9 | 3.2 | 168.7 | 6.8 | 178.6 |
| December | 0.9 | 0.9 | 0.6 | W | W | 19.9 | 11.5 | 11.6 | W | 169.2 | W | 178.0 |
| 2021 | | | | | | | | | | | | |
| January | 0.8 | 0.8 | 0.6 | W | W | 19.6 | 11.2 | 11.3 | W | 162.3 | W | 171.2 |
| February | 0.8 | 0.8 | 0.6 | W | W | 19.6 | 11.5 | 11.6 | W | 164.1 | W | 174.4 |
| March | 0.9 | 0.9 | 0.7 | W | W | 20.2 | 12.4 | 12.6 | W | 178.9 | W | 188.4 |
| April | 0.9 | 1.0 | 0.7 | W | W | 22.4 | 12.9 | 13.1 | W | 186.1 | W | 196.9 |
| May | 0.6 | 0.6 | 0.8 | W | W | 24.0 | 7.1 | 7.2 | W | 194.3 | W | 206.1 |
| June | W | W | 0.9 | W | W | 24.2 | W | W | W | 203.7 | W | 215.5 |
| July | W | W | 0.9 | W | W | 24.2 | W | W | W | 204.7 | W | 216.1 |
| August | W | W | 0.8 | W | W | 23.4 | W | W | W | 203.1 | W | 212.2 |
| September | W | W | 0.8 | W | W | 23.2 | W | W | W | 198.5 | W | 209.3 |
| October | W | W | 0.8 | W | W | 21.7 | W | W | W | 192.7 | W | 203.3 |
| November | W | W | 0.7 | W | W | 21.5 | W | W | W | 193.0 | W | R205.7 |
| December | W | W | 0.7 | W | W | 21.1 | W | W | W | 189.9 | W | 201.3 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

| Year month | Regular | | | | | | Midgrade | | | | | |
|-------------|------------------------------|------------|------------------|-------|-------|---------|------------------------------|------------|------------------|--------|------|---------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average |
| 1994 | 0.764 | 0.758 | 0.720 | 0.569 | 0.543 | 0.638 | 0.879 | 0.873 | 0.770 | 0.628 | W | 0.728 |
| 1995 | 0.749 | 0.744 | 0.707 | 0.605 | 0.573 | 0.650 | 0.836 | 0.833 | 0.753 | 0.651 | - | 0.723 |
| 1996 | 0.834 | 0.830 | 0.788 | 0.698 | 0.677 | 0.738 | 0.924 | 0.921 | 0.837 | 0.741 | W | 0.809 |
| 1997 | 0.830 | 0.828 | 0.787 | 0.682 | 0.668 | 0.731 | 0.928 | 0.925 | 0.840 | 0.725 | W | 0.807 |
| 1998 | 0.668 | 0.665 | 0.616 | 0.509 | 0.484 | 0.557 | 0.769 | 0.767 | 0.673 | 0.553 | W | 0.638 |
| 1999 | 0.804 | 0.80 | 0.752 | 0.642 | 0.601 | 0.686 | 0.895 | 0.892 | 0.807 | 0.676 | NA | 0.767 |
| 2000 | 1.126 | 1.123 | 1.058 | 0.978 | 0.953 | 1.012 | 1.219 | 1.217 | 1.114 | 1.014 | - | 1.085 |
| 2001 | 1.059 | 1.056 | 1.001 | 0.893 | 0.856 | 0.938 | 1.166 | 1.163 | 1.061 | 0.942 | - | 1.027 |
| 2002 | 0.946 | 0.944 | 0.906 | 0.834 | 0.779 | 0.861 | 1.052 | 1.050 | 0.988 | 0.875 | - | 0.958 |
| 2003 | 1.196 | 1.192 | 1.168 | 1.006 | 0.962 | 1.069 | 1.293 | 1.290 | 1.224 | 1.047 | - | 1.165 |
| 2004 | 1.472 | 1.470 | 1.447 | 1.299 | 1.248 | 1.353 | 1.572 | 1.570 | 1.494 | 1.340 | - | 1.436 |
| 2005 | 1.850 | 1.848 | 1.787 | 1.682 | 1.619 | 1.711 | 1.945 | 1.944 | 1.834 | 1.726 | - | 1.789 |
| 2006 | 2.166 | 2.164 | 2.097 | 2.002 | 1.885 | 2.030 | 2.275 | 2.274 | 2.170 | 2.078 | - | 2.129 |
| 2007 | 2.362 | 2.360 | 2.288 | 2.186 | 2.175 | 2.221 | 2.490 | 2.489 | 2.368 | 2.256 | - | 2.316 |
| 2008 | 2.812 | 2.810 | 2.703 | 2.553 | 2.642 | 2.607 | 2.934 | 2.934 | 2.788 | 2.652 | - | 2.721 |
| 2009 | 1.927 | 1.925 | 1.878 | 1.770 | 1.782 | 1.806 | 2.066 | 2.066 | 1.981 | 1.855 | - | 1.914 |
| 2010 | 2.342 | 2.339 | 2.265 | 2.159 | 2.141 | 2.188 | 2.485 | 2.485 | 2.362 | 2.229 | - | 2.280 |
| 2011 | 3.089 | 3.085 | 2.973 | 2.874 | 2.831 | 2.895 | 3.233 | 3.233 | 3.062 | 2.954 | - | 2.990 |
| 2012 | 3.219 | 3.212 | 3.111 | 2.956 | 2.947 | 2.988 | 3.372 | 3.372 | 3.213 | 3.047 | - | 3.098 |
| 2013 | 3.110 | 3.101 | 2.948 | 2.830 | 2.869 | 2.856 | 3.268 | 3.268 | 3.066 | 2.939 | - | 2.979 |
| 2014 | 2.946 | 2.938 | 2.784 | 2.614 | 2.663 | 2.647 | 3.111 | 3.111 | 2.920 | 2.746 | - | 2.788 |
| 2015 | 2.159 | 2.158 | 2.174 | 1.728 | 1.775 | 1.807 | 2.404 | 2.404 | 2.321 | 1.892 | - | 1.989 |
| 2016 | 1.808 | 1.807 | 1.762 | 1.433 | 1.462 | 1.490 | 2.047 | 2.047 | 1.913 | 1.579 | - | 1.655 |
| 2017 | 2.048 | 2.047 | 2.009 | 1.672 | 1.717 | 1.729 | 2.303 | 2.303 | 2.164 | 1.815 | - | 1.891 |
| 2018 | 2.417 | 2.416 | 2.409 | 1.964 | 2.029 | 2.039 | 2.699 | 2.699 | 2.562 | 2.126 | - | 2.224 |
| 2019 | 2.433 | 2.428 | 2.462 | 1.869 | 1.925 | 1.967 | 2.744 | 2.744 | 2.657 | 2.071 | - | 2.200 |
| 2020 | | | | | | | | | | | | |
| January | 2.296 | 2.289 | 2.291 | 1.746 | W | 1.839 | 2.616 | 2.616 | W | W | - | 2.108 |
| February | 2.241 | 2.234 | 2.254 | 1.671 | W | 1.771 | 2.569 | 2.569 | W | 1.907 | - | 2.053 |
| March | 2.086 | 2.084 | 1.895 | 1.105 | W | 1.231 | 2.466 | 2.466 | W | 1.318 | - | 1.494 |
| April | 1.731 | 1.728 | 1.306 | 0.661 | W | 0.763 | 2.102 | 2.102 | 1.519 | 0.840 | - | 1.005 |
| May | 1.766 | 1.764 | 1.491 | 1.077 | W | 1.147 | 2.060 | 2.060 | 1.732 | 1.246 | - | 1.358 |
| June | 1.906 | 1.904 | 1.759 | 1.309 | 1.382 | 1.383 | 2.207 | 2.207 | 1.967 | 1.454 | - | 1.560 |
| July | 1.936 | 1.934 | 1.832 | 1.380 | W | 1.452 | 2.254 | 2.254 | W | 1.510 | - | 1.617 |
| August | 1.964 | 1.962 | 1.894 | 1.382 | W | 1.463 | 2.295 | 2.295 | W | 1.530 | - | 1.662 |
| September | 1.959 | 1.957 | 1.870 | 1.328 | W | 1.414 | 2.299 | 2.299 | W | 1.472 | - | 1.604 |
| October | 1.933 | 1.931 | 1.819 | 1.290 | W | 1.374 | 2.284 | 2.284 | W | 1.449 | - | 1.584 |
| November | 1.902 | 1.900 | 1.808 | 1.282 | W | 1.359 | 2.255 | 2.255 | 2.008 | 1.442 | - | 1.579 |
| December | 1.966 | 1.964 | 1.852 | 1.387 | W | 1.456 | 2.297 | 2.297 | W | 1.549 | - | 1.672 |
| 2020 | 1.997 | 1.994 | 1.872 | 1.332 | 1.292 | 1.418 | 2.325 | 2.325 | 2.095 | 1.506 | - | 1.641 |
| 2021 | | | | | | | | | | | | |
| January | 2.123 | 2.121 | 2.050 | 1.573 | W | 1.645 | 2.451 | 2.451 | W | 1.746 | - | 1.882 |
| February | 2.348 | 2.346 | 2.253 | 1.777 | W | 1.852 | 2.672 | 2.672 | W | 1.957 | - | 2.095 |
| March | 2.601 | 2.598 | 2.540 | 1.988 | W | 2.072 | 2.930 | 2.930 | W | 2.183 | - | 2.329 |
| April | 2.673 | 2.672 | 2.639 | 2.031 | W | 2.125 | 3.006 | 3.006 | W | 2.219 | - | 2.380 |
| May | 2.869 | 2.867 | 2.793 | 2.169 | W | 2.268 | 3.166 | 3.166 | W | 2.340 | - | 2.492 |
| June | W | W | 2.875 | 2.240 | W | 2.336 | W | W | W | 2.410 | - | 2.562 |
| July | W | W | 2.936 | 2.299 | W | 2.395 | W | W | W | 2.449 | - | 2.600 |
| August | W | W | 2.939 | 2.268 | W | 2.371 | W | W | W | 2.418 | - | 2.576 |
| September | W | W | 2.906 | 2.278 | W | 2.376 | W | W | W | 2.440 | - | 2.589 |
| October | W | W | 3.098 | 2.495 | W | 2.589 | W | W | W | 2.667 | - | 2.824 |
| November | W | W | 3.238 | 2.515 | W | 2.624 | W | W | W | R2.710 | - | R2.900 |
| December | W | W | 3.119 | 2.317 | W | 2.435 | W | W | W | 2.505 | - | 2.721 |

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

| Year month | Premium | | | | | | All grades | | | | | |
|-------------|------------------------------|------------|------------------|-------|-------|---------|------------------------------|------------|------------------|--------|-------|---------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average | Through retail outlets | Average[a] | DTW | Rack | Bulk | Average |
| 1994 | 0.966 | 0.958 | 0.861 | 0.677 | 0.558 | 0.777 | 0.831 | 0.824 | 0.771 | 0.599 | 0.547 | 0.687 |
| 1995 | 0.929 | 0.924 | 0.841 | 0.704 | 0.616 | 0.785 | 0.808 | 0.803 | 0.756 | 0.632 | 0.582 | 0.696 |
| 1996 | 1.002 | 0.998 | 0.910 | 0.791 | 0.709 | 0.859 | 0.882 | 0.878 | 0.828 | 0.720 | 0.682 | 0.774 |
| 1997 | 1.005 | 1.003 | 0.910 | 0.775 | 0.686 | 0.853 | 0.876 | 0.874 | 0.825 | 0.703 | 0.671 | 0.767 |
| 1998 | 0.847 | 0.845 | 0.741 | W | 0.516 | 0.680 | 0.717 | 0.714 | 0.657 | 0.529 | 0.489 | 0.593 |
| 1999 | 0.966 | 0.963 | 0.870 | 0.717 | 0.639 | 0.798 | 0.845 | 0.841 | 0.788 | 0.658 | 0.608 | 0.718 |
| 2000 | 1.297 | 1.291 | 1.189 | 1.064 | 0.972 | 1.125 | 1.164 | 1.160 | 1.092 | 0.993 | 0.957 | 1.039 |
| 2001 | 1.239 | 1.234 | 1.133 | 0.983 | 0.890 | 1.065 | 1.10 | 1.096 | 1.034 | 0.909 | 0.859 | 0.966 |
| 2002 | 1.124 | 1.119 | 1.046 | 0.930 | 0.832 | 0.991 | 0.987 | 0.985 | 0.944 | 0.851 | 0.785 | 0.891 |
| 2003 | 1.366 | 1.362 | 1.292 | 1.099 | 1.028 | 1.201 | 1.233 | 1.229 | 1.197 | 1.021 | 0.969 | 1.097 |
| 2004 | 1.655 | 1.652 | 1.574 | 1.399 | 1.348 | 1.489 | 1.510 | 1.507 | 1.474 | 1.313 | 1.257 | 1.378 |
| 2005 | 2.031 | 2.029 | 1.912 | 1.791 | 1.766 | 1.847 | 1.883 | 1.881 | 1.812 | 1.697 | 1.635 | 1.733 |
| 2006 | 2.369 | 2.367 | 2.239 | 2.149 | 2.004 | 2.183 | 2.202 | 2.20 | 2.125 | 2.020 | 1.906 | 2.055 |
| 2007 | 2.601 | 2.599 | 2.468 | 2.367 | 2.346 | 2.415 | 2.404 | 2.402 | 2.322 | 2.208 | 2.192 | 2.250 |
| 2008 | 3.003 | 3.001 | 2.845 | 2.70 | 2.826 | 2.772 | 2.845 | 2.843 | 2.728 | 2.569 | 2.659 | 2.629 |
| 2009 | 2.177 | 2.174 | 2.067 | 1.968 | 1.899 | 2.011 | 1.971 | 1.969 | 1.913 | 1.793 | 1.791 | 1.834 |
| 2010 | 2.587 | 2.584 | 2.446 | 2.343 | 2.247 | 2.380 | 2.386 | 2.383 | 2.299 | 2.182 | 2.150 | 2.215 |
| 2011 | 3.334 | 3.331 | 3.145 | 3.067 | 2.940 | 3.090 | 3.132 | 3.128 | 3.003 | 2.898 | 2.837 | 2.921 |
| 2012 | 3.478 | 3.473 | 3.288 | 3.201 | 3.175 | 3.225 | 3.265 | 3.259 | 3.143 | 2.986 | 2.961 | 3.020 |
| 2013 | 3.371 | 3.365 | 3.132 | 3.103 | 3.071 | 3.110 | 3.160 | 3.152 | 2.982 | 2.866 | 2.882 | 2.892 |
| 2014 | 3.206 | 3.202 | 2.949 | 2.867 | 2.642 | 2.886 | 3.005 | 2.996 | 2.818 | 2.648 | 2.661 | 2.682 |
| 2015 | 2.516 | 2.516 | 2.357 | 2.066 | 2.145 | 2.144 | 2.242 | 2.240 | 2.214 | 1.777 | 1.799 | 1.860 |
| 2016 | 2.201 | 2.201 | 1.986 | 1.755 | 1.710 | 1.816 | 1.900 | 1.899 | 1.814 | 1.481 | 1.484 | 1.543 |
| 2017 | 2.468 | 2.468 | 2.243 | 1.974 | 1.960 | 2.043 | 2.143 | 2.142 | 2.064 | 1.717 | 1.747 | 1.781 |
| 2018 | 2.864 | 2.864 | 2.641 | 2.249 | 2.277 | 2.351 | 2.516 | 2.515 | 2.463 | 2.006 | 2.058 | 2.090 |
| 2019 | 2.918 | 2.913 | 2.715 | 2.194 | 2.219 | 2.323 | 2.543 | 2.538 | 2.520 | 1.918 | 1.966 | 2.026 |
| 2020 | | | | | | | | | | | | |
| January | 2.805 | 2.796 | 2.589 | 2.085 | 2.096 | 2.211 | 2.409 | 2.402 | 2.359 | 1.798 | W | 1.901 |
| February | 2.756 | 2.747 | 2.542 | W | W | 2.135 | 2.357 | 2.350 | 2.320 | 1.722 | W | 1.833 |
| March | 2.618 | 2.617 | 2.154 | W | W | 1.600 | 2.213 | 2.211 | 1.955 | 1.156 | W | 1.294 |
| April | 2.280 | 2.280 | W | 0.944 | W | 1.098 | 1.864 | 1.862 | 1.370 | 0.704 | 0.706 | 0.819 |
| May | 2.237 | 2.237 | W | 1.367 | W | 1.472 | 1.884 | 1.883 | 1.566 | 1.124 | 1.184 | 1.205 |
| June | 2.380 | 2.379 | 2.048 | 1.601 | 1.530 | 1.706 | 2.023 | 2.021 | 1.830 | 1.357 | 1.411 | 1.441 |
| July | 2.429 | 2.429 | 2.137 | W | W | 1.777 | 2.057 | 2.056 | 1.909 | 1.429 | W | 1.511 |
| August | 2.473 | 2.472 | 2.205 | W | W | 1.792 | 2.090 | 2.089 | 1.973 | 1.430 | W | 1.523 |
| September | 2.476 | 2.475 | 2.168 | W | W | 1.731 | 2.089 | 2.087 | 1.946 | 1.376 | W | 1.474 |
| October | 2.459 | 2.459 | 2.112 | W | W | 1.667 | 2.066 | 2.064 | 1.895 | 1.336 | W | 1.430 |
| November | 2.433 | 2.432 | W | 1.549 | 1.128 | 1.652 | 2.037 | 2.036 | 1.885 | 1.328 | 1.119 | 1.415 |
| December | 2.487 | 2.486 | 2.148 | W | W | 1.769 | 2.096 | 2.094 | 1.931 | 1.431 | W | 1.513 |
| 2021 | | | | | | | | | | | | |
| January | 2.639 | 2.638 | 2.359 | W | W | 1.964 | 2.252 | 2.251 | 2.131 | 1.617 | W | 1.703 |
| February | 2.863 | 2.863 | 2.567 | W | W | 2.182 | 2.475 | 2.473 | 2.335 | 1.823 | W | 1.912 |
| March | 3.112 | 3.112 | 2.846 | W | W | 2.421 | 2.726 | 2.724 | 2.619 | 2.036 | W | 2.134 |
| April | 3.190 | 3.190 | 2.952 | W | W | 2.482 | 2.800 | 2.799 | 2.720 | 2.081 | W | 2.191 |
| May | 3.353 | 3.353 | 3.104 | W | W | 2.637 | 2.999 | 2.998 | 2.872 | 2.223 | W | 2.334 |
| June | W | W | 3.191 | W | W | 2.712 | W | W | 2.953 | 2.294 | W | 2.403 |
| July | W | W | 3.254 | W | W | 2.769 | W | W | 3.016 | 2.354 | W | 2.462 |
| August | W | W | 3.250 | W | W | 2.748 | W | W | 3.017 | 2.320 | W | 2.438 |
| September | W | W | 3.214 | W | W | 2.743 | W | W | 2.983 | 2.330 | W | 2.441 |
| October | W | W | 3.406 | W | W | 2.953 | W | W | 3.175 | 2.545 | W | 2.653 |
| November | W | W | R3.537 | W | W | R3.017 | W | W | R3.312 | R2.568 | W | R2.692 |
| December | W | W | 3.403 | W | W | 2.816 | W | W | 3.188 | 2.367 | W | 2.500 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

| Year month | Regular | | | | | | Midgrade | | | | | |
|-------------|------------------------------|----------|------------------|------|------|-------|------------------------------|----------|------------------|------|------|-------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total |
| 1994 | 0.6 | 0.6 | 2.1 | 1.6 | 0.6 | 4.3 | 0.2 | 0.2 | 0.7 | 0.3 | W | 1.0 |
| 1995 | 7.8 | 8.1 | 20.7 | W | W | 43.3 | 3.0 | 3.1 | 7.4 | 3.1 | - | 10.5 |
| 1996 | 10.7 | 11.1 | 26.1 | 20.5 | 8.0 | 54.6 | 3.3 | 3.4 | 7.9 | 3.3 | W | 11.3 |
| 1997 | 13.4 | 13.8 | 28.0 | 21.7 | 7.6 | 57.3 | 3.6 | 3.7 | 7.9 | 3.1 | W | 11.0 |
| 1998 | 14.3 | 14.5 | 28.6 | 23.0 | 8.3 | 59.9 | 3.7 | 3.8 | 7.4 | 3.1 | W | 10.5 |
| 1999 | 14.5 | 14.8 | 29.8 | 26.1 | 9.6 | 65.5 | 3.6 | 3.7 | 7.0 | 3.1 | NA | 10.2 |
| 2000 | 15.5 | 15.9 | 32.1 | 29.1 | 8.5 | 69.6 | 3.3 | 3.4 | 6.2 | 2.6 | - | 8.8 |
| 2001 | 16.3 | 16.7 | 32.7 | 30.0 | 9.0 | 71.7 | 3.3 | 3.3 | 5.7 | 2.2 | - | 7.9 |
| 2002 | 16.9 | 17.2 | 33.1 | 30.4 | 8.2 | 71.7 | 3.3 | 3.3 | 5.6 | 2.1 | - | 7.6 |
| 2003 | 17.7 | 18.0 | 30.9 | 35.1 | 7.6 | 73.6 | 3.1 | 3.1 | 4.1 | 2.0 | - | 6.1 |
| 2004 | 16.2 | 16.5 | 29.5 | 39.7 | 6.1 | 75.3 | 2.6 | 2.6 | 3.3 | 2.0 | - | 5.2 |
| 2005 | 17.1 | 17.4 | 27.5 | 43.5 | 9.5 | 80.4 | 2.6 | 2.6 | 2.5 | 1.8 | - | 4.2 |
| 2006 | 17.7 | 18.0 | 26.8 | 45.7 | 3.4 | 75.9 | 2.5 | 2.5 | 1.9 | 1.5 | - | 3.4 |
| 2007 | 17.4 | 17.6 | 26.7 | 45.4 | 3.8 | 75.9 | 2.4 | 2.4 | 1.6 | 1.3 | - | 2.9 |
| 2008 | 16.6 | 16.9 | 25.4 | 48.1 | 4.2 | 77.7 | 2.0 | 2.0 | 1.1 | 1.1 | - | 2.2 |
| 2009 | 14.0 | 14.3 | 25.8 | 49.8 | 3.4 | 79.0 | 1.7 | 1.7 | 1.0 | 1.1 | - | 2.1 |
| 2010 | 11.7 | 11.9 | 23.1 | 54.5 | 4.2 | 81.9 | 1.3 | 1.3 | 0.7 | 1.2 | - | 1.9 |
| 2011 | 10.8 | 11.1 | 19.5 | 57.6 | 4.2 | 81.3 | 1.2 | 1.2 | 0.5 | 1.1 | - | 1.6 |
| 2012 | 9.2 | 9.5 | 17.4 | 60.3 | 4.0 | 81.7 | 1.0 | 1.0 | 0.5 | 1.0 | - | 1.5 |
| 2013 | 7.6 | 7.9 | 16.5 | 59.3 | 3.5 | 79.3 | 0.9 | 0.9 | 0.4 | 1.0 | - | 1.4 |
| 2014 | 5.5 | 5.7 | 14.6 | 62.0 | 2.1 | 78.8 | 0.7 | 0.7 | 0.3 | 0.9 | - | 1.2 |
| 2015 | 6.8 | 6.8 | 14.1 | 63.5 | 2.8 | 80.3 | 0.9 | 0.9 | 0.2 | 0.8 | - | 1.1 |
| 2016 | 6.7 | 6.7 | 13.9 | 64.6 | 3.1 | 81.6 | 0.9 | 0.9 | 0.2 | 0.8 | - | 1.0 |
| 2017 | 6.7 | 6.8 | 13.4 | 65.0 | 2.6 | 81.0 | 0.9 | 0.9 | 0.2 | 0.6 | - | 0.8 |
| 2018 | 6.9 | 6.9 | 13.5 | 65.7 | 2.9 | 82.1 | 0.9 | 0.9 | 0.2 | 0.5 | - | 0.7 |
| 2019 | 6.7 | 6.8 | 13.2 | 65.4 | 2.4 | 81.0 | 0.9 | 0.9 | 0.1 | 0.4 | - | 0.5 |
| 2020 | | | | | | | | | | | | |
| January | 6.4 | 6.4 | 12.7 | W | W | 75.6 | 0.8 | 0.8 | W | W | - | 0.4 |
| February | 6.4 | 6.5 | W | 62.8 | W | 78.0 | 0.8 | 0.8 | W | W | - | 0.4 |
| March | 4.9 | 4.9 | W | 51.4 | W | 63.6 | 0.7 | 0.7 | W | W | - | 0.3 |
| April | 3.2 | 3.2 | W | 37.2 | W | 45.8 | 0.4 | 0.4 | 0.1 | 0.2 | - | 0.2 |
| May | 3.9 | 3.9 | W | 45.6 | W | 56.1 | 0.6 | 0.6 | 0.1 | 0.2 | - | 0.3 |
| June | 4.9 | 4.9 | 10.5 | 53.9 | 1.4 | 65.8 | 0.7 | 0.7 | 0.1 | 0.3 | - | 0.4 |
| July | 5.3 | 5.4 | W | 55.7 | W | 66.9 | 0.8 | 0.8 | W | W | - | 0.4 |
| August | 5.5 | 5.5 | W | 57.3 | W | 69.0 | 0.8 | 0.8 | W | W | - | 0.4 |
| September | 5.4 | 5.4 | W | 56.0 | W | 67.5 | 0.8 | 0.8 | W | W | - | 0.4 |
| October | 5.4 | 5.5 | W | 56.1 | W | 67.8 | 0.8 | 0.8 | W | W | - | 0.4 |
| November | 5.1 | 5.1 | W | 53.6 | W | 65.6 | 0.7 | 0.7 | 0.1 | 0.3 | - | 0.3 |
| December | 5.0 | 5.0 | W | 53.7 | W | 63.8 | 0.7 | 0.7 | W | W | - | 0.3 |
| 2020 | 5.1 | 5.1 | 10.5 | 53.7 | 1.2 | 65.4 | 0.7 | 0.7 | 0.1 | 0.3 | - | 0.4 |
| 2021 | | | | | | | | | | | | |
| January | 4.8 | 4.8 | W | 51.7 | W | 61.5 | 0.7 | 0.7 | W | W | - | 0.3 |
| February | 4.9 | 4.9 | W | 51.7 | W | 62.5 | 0.7 | 0.7 | W | W | - | 0.3 |
| March | 5.4 | 5.4 | W | 57.0 | W | 68.4 | 0.8 | 0.8 | W | W | - | 0.3 |
| April | 5.6 | 5.6 | W | 58.8 | W | 70.4 | 0.8 | 0.8 | W | W | - | 0.3 |
| May | 3.5 | 3.5 | W | 61.6 | W | 74.8 | 0.6 | 0.6 | W | W | - | 0.4 |
| June | W | W | W | 64.4 | W | 79.6 | W | W | W | W | - | 0.4 |
| July | W | W | W | 64.1 | W | 79.1 | W | W | W | W | - | 0.4 |
| August | W | W | W | 64.6 | W | 79.3 | W | W | W | W | - | 0.4 |
| September | W | W | W | 63.0 | W | 77.7 | W | W | W | W | - | 0.4 |
| October | W | W | W | 62.7 | W | 76.4 | W | W | W | W | - | 0.4 |
| November | W | W | W | 62.7 | W | 76.4 | W | W | W | W | - | 0.3 |
| December | W | W | W | 62.0 | W | 75.9 | W | W | W | W | - | 0.3 |

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)
million gallons per day

| Year month | Premium | | | | | | All grades | | | | | |
|-------------|------------------------------|----------|------------------|------|------|-------|------------------------------|----------|------------------|------|------|-------|
| | Sales to end users | | Sales for resale | | | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total | Through retail outlets | Total[a] | DTW | Rack | Bulk | Total |
| 1994 | 0.2 | 0.2 | 1.2 | 0.5 | 0.2 | 1.9 | 1.0 | 1.0 | 4.0 | 2.4 | 0.8 | 7.2 |
| 1995 | 3.1 | 3.2 | 12.0 | W | W | 18.9 | 14.0 | 14.4 | 40.1 | 25.9 | 6.6 | 72.6 |
| 1996 | 3.1 | 3.2 | 11.7 | 5.3 | 1.5 | 18.6 | 17.0 | 17.6 | 45.7 | 29.2 | 9.6 | 84.5 |
| 1997 | 3.4 | 3.5 | 11.5 | 5.3 | 1.5 | 18.2 | 20.3 | 21.0 | 47.4 | 30.1 | 9.1 | 86.6 |
| 1998 | 3.8 | 3.9 | 12.2 | W | 1.6 | 19.8 | 21.8 | 22.2 | 48.2 | 32.0 | 9.9 | 90.1 |
| 1999 | 3.4 | 3.5 | 11.4 | 6.3 | 1.9 | 19.6 | 21.5 | 22.0 | 48.2 | 35.6 | 11.5 | 95.2 |
| 2000 | 3.0 | 3.1 | 9.6 | 5.4 | 1.9 | 16.8 | 21.9 | 22.4 | 47.9 | 37.0 | 10.4 | 95.2 |
| 2001 | 3.2 | 3.2 | 9.2 | 5.4 | 1.1 | 15.7 | 22.7 | 23.3 | 47.7 | 37.6 | 10.0 | 95.3 |
| 2002 | 3.4 | 3.5 | 9.5 | 5.6 | 1.1 | 16.3 | 23.6 | 24.1 | 48.2 | 38.0 | 9.3 | 95.6 |
| 2003 | 3.5 | 3.6 | 8.5 | 5.9 | 1.0 | 15.3 | 24.2 | 24.7 | 43.5 | 43.0 | 8.6 | 95.1 |
| 2004 | 3.1 | 3.1 | 7.4 | 6.0 | 0.6 | 14.1 | 21.9 | 22.3 | 40.2 | 47.7 | 6.7 | 94.6 |
| 2005 | 2.8 | 2.8 | 6.5 | 6.0 | 1.2 | 13.6 | 22.6 | 22.9 | 36.4 | 51.2 | 10.6 | 98.3 |
| 2006 | 2.7 | 2.7 | 5.9 | 5.9 | 0.7 | 12.5 | 22.9 | 23.2 | 34.6 | 53.1 | 4.1 | 91.8 |
| 2007 | 2.6 | 2.7 | 5.8 | 5.9 | 0.4 | 12.1 | 22.4 | 22.7 | 34.0 | 52.6 | 4.3 | 90.9 |
| 2008 | 2.4 | 2.4 | 5.0 | 5.4 | 0.4 | 10.8 | 21.0 | 21.3 | 31.5 | 54.6 | 4.6 | 90.8 |
| 2009 | 2.3 | 2.3 | 5.3 | 6.1 | 0.3 | 11.8 | 17.9 | 18.3 | 32.1 | 57.1 | 3.7 | 92.9 |
| 2010 | 1.9 | 1.9 | 4.9 | 7.4 | 0.4 | 12.7 | 14.9 | 15.2 | 28.8 | 63.1 | 4.7 | 96.5 |
| 2011 | 1.7 | 1.7 | 3.9 | 7.7 | 0.2 | 11.8 | 13.7 | 13.9 | 23.9 | 66.4 | 4.4 | 94.7 |
| 2012 | 1.5 | 1.5 | 3.5 | 8.4 | 0.3 | 12.1 | 11.7 | 12.0 | 21.4 | 69.7 | 4.3 | 95.4 |
| 2013 | 1.4 | 1.4 | 3.5 | 8.7 | 0.2 | 12.4 | 9.9 | 10.2 | 20.5 | 69.0 | 3.7 | 93.1 |
| 2014 | 1.2 | 1.2 | 3.5 | 9.4 | 0.2 | 13.0 | 7.5 | 7.7 | 18.4 | 72.3 | 2.3 | 93.0 |
| 2015 | 1.5 | 1.5 | 3.8 | 10.4 | 0.2 | 14.4 | 9.2 | 9.2 | 18.1 | 74.7 | 3.0 | 95.8 |
| 2016 | 1.6 | 1.6 | 4.1 | 11.1 | 0.3 | 15.5 | 9.2 | 9.2 | 18.2 | 76.5 | 3.4 | 98.1 |
| 2017 | 1.5 | 1.5 | 4.1 | 11.2 | 0.4 | 15.7 | 9.2 | 9.2 | 17.6 | 76.9 | 3.0 | 97.5 |
| 2018 | 1.5 | 1.5 | 4.0 | 11.1 | 0.4 | 15.5 | 9.3 | 9.3 | 17.6 | 77.3 | 3.3 | 98.2 |
| 2019 | 1.5 | 1.5 | 3.9 | 11.4 | 0.4 | 15.6 | 9.1 | 9.1 | 17.2 | 77.2 | 2.8 | 97.2 |
| 2020 | | | | | | | | | | | | |
| January | 1.4 | 1.4 | 3.7 | 10.8 | 0.4 | 14.9 | 8.6 | 8.7 | W | 72.1 | W | 90.9 |
| February | 1.4 | 1.4 | 3.9 | W | W | 15.5 | 8.7 | 8.8 | W | 74.4 | W | 94.0 |
| March | 1.1 | 1.1 | 3.1 | W | W | 12.8 | 6.7 | 6.7 | W | 61.1 | W | 76.8 |
| April | 0.8 | 0.8 | W | 6.6 | W | 9.1 | 4.4 | 4.4 | 9.5 | 44.0 | 1.7 | 55.1 |
| May | 1.0 | 1.0 | W | 8.7 | W | 12.0 | 5.5 | 5.5 | 12.3 | 54.6 | 1.5 | 68.4 |
| June | 1.2 | 1.2 | 3.4 | 10.6 | 0.3 | 14.3 | 6.8 | 6.9 | 14.0 | 64.8 | 1.7 | 80.5 |
| July | 1.3 | 1.3 | 3.5 | W | W | 14.8 | 7.4 | 7.5 | W | 67.1 | W | 82.1 |
| August | 1.4 | 1.4 | 3.6 | W | W | 15.3 | 7.6 | 7.6 | W | 69.2 | W | 84.7 |
| September | 1.4 | 1.4 | 3.6 | W | W | 15.5 | 7.6 | 7.6 | W | 68.0 | W | 83.4 |
| October | 1.4 | 1.4 | 3.7 | W | W | 16.0 | 7.6 | 7.7 | W | 67.8 | W | 84.1 |
| November | 1.3 | 1.3 | W | 11.0 | W | 15.5 | 7.2 | 7.2 | 13.8 | 64.9 | 2.7 | 81.4 |
| December | 1.3 | 1.3 | 3.4 | W | W | 14.1 | 7.1 | 7.1 | W | 64.5 | W | 78.2 |
| 2021 | | | | | | | | | | | | |
| January | 1.2 | 1.2 | 3.3 | W | W | 13.4 | 6.7 | 6.8 | W | 62.0 | W | 75.3 |
| February | 1.2 | 1.2 | 3.5 | W | W | 13.7 | 6.9 | 6.9 | W | 62.1 | W | 76.6 |
| March | 1.3 | 1.3 | 3.6 | W | W | 14.7 | 7.5 | 7.5 | W | 68.2 | W | 83.3 |
| April | 1.4 | 1.4 | 3.8 | W | W | 15.7 | 7.8 | 7.8 | W | 70.8 | W | 86.4 |
| May | 1.0 | 1.0 | 3.9 | W | W | 16.3 | 5.0 | 5.1 | W | 74.1 | W | 91.5 |
| June | W | W | 4.1 | W | W | 16.9 | W | W | W | 77.3 | W | 96.9 |
| July | W | W | 4.1 | W | W | 17.0 | W | W | W | 76.9 | W | 96.5 |
| August | W | W | 4.1 | W | W | 16.8 | W | W | W | 77.5 | W | 96.5 |
| September | W | W | 4.1 | W | W | 16.7 | W | W | W | 75.7 | W | 94.7 |
| October | W | W | 4.0 | W | W | 16.0 | W | W | W | 75.0 | W | 92.8 |
| November | W | W | 3.9 | W | W | R15.7 | W | W | W | 74.7 | W | 92.5 |
| December | W | W | 3.7 | W | W | 15.4 | W | W | W | 73.8 | W | 91.6 |

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

| Year month | Sulfur less than or equal to 1% | | Sulfur greater than 1% | | Average | |
|-------------|---------------------------------|------------------|------------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| 1994 | 0.401 | 0.345 | 0.330 | 0.287 | 0.352 | 0.317 |
| 1995 | 0.436 | 0.383 | 0.377 | 0.338 | 0.392 | 0.363 |
| 1996 | 0.526 | 0.456 | 0.433 | 0.389 | 0.455 | 0.420 |
| 1997 | 0.488 | 0.415 | 0.403 | 0.366 | 0.423 | 0.387 |
| 1998 | 0.354 | 0.299 | 0.287 | 0.269 | 0.305 | 0.280 |
| 1999 | 0.405 | 0.382 | 0.362 | 0.329 | 0.374 | 0.354 |
| 2000 | 0.708 | 0.627 | 0.566 | 0.512 | 0.602 | 0.566 |
| 2001 | 0.642 | 0.523 | 0.492 | 0.428 | 0.531 | 0.476 |
| 2002 | 0.640 | 0.546 | 0.544 | 0.508 | 0.569 | 0.530 |
| 2003 | 0.804 | 0.728 | 0.651 | 0.588 | 0.698 | 0.661 |
| 2004 | 0.835 | 0.764 | 0.692 | 0.601 | 0.739 | 0.681 |
| 2005 | 1.168 | 1.115 | 0.974 | 0.842 | 1.048 | 0.971 |
| 2006 | 1.342 | 1.202 | 1.173 | 1.085 | 1.218 | 1.136 |
| 2007 | 1.436 | 1.406 | 1.350 | 1.314 | 1.374 | 1.350 |
| 2008 | 2.144 | 1.918 | 1.889 | 1.843 | 1.964 | 1.866 |
| 2009 | 1.413 | 1.337 | 1.306 | 1.344 | 1.341 | 1.342 |
| 2010 | 1.920 | 1.756 | 1.619 | 1.679 | 1.713 | 1.697 |
| 2011 | 2.736 | 2.389 | 2.257 | 2.316 | 2.401 | 2.336 |
| 2012 | 3.025 | 2.548 | 2.433 | 2.429 | 2.592 | 2.457 |
| 2013 | 2.883 | 2.363 | 2.353 | 2.249 | 2.482 | 2.278 |
| 2014 | 2.694 | 2.153 | 2.221 | 1.996 | 2.325 | 2.044 |
| 2015 | 1.529 | 0.971 | 1.227 | 0.999 | 1.285 | 0.996 |
| 2016 | 1.138 | 0.736 | 0.897 | 0.746 | 0.945 | 0.745 |
| 2017 | W | 1.112 | 1.237 | 1.117 | 1.287 | 1.116 |
| 2018 | W | 1.397 | 1.587 | 1.466 | 1.662 | 1.463 |
| 2019 | W | 1.649 | 1.510 | 1.391 | 1.584 | 1.428 |
| 2020 | | | | | | |
| January | W | 1.788 | 1.634 | 1.526 | 1.939 | 1.675 |
| February | W | 1.673 | 1.557 | 1.336 | 1.735 | 1.540 |
| March | W | 1.188 | 1.146 | 0.993 | 1.371 | 1.121 |
| April | W | 0.796 | 0.942 | 0.639 | 0.976 | 0.733 |
| May | W | 0.792 | 0.727 | NA | 0.817 | 0.775 |
| June | W | 1.018 | 0.894 | 1.013 | 0.949 | 1.017 |
| July | W | 1.153 | 0.981 | 1.089 | 1.071 | 1.137 |
| August | W | 1.189 | 1.026 | 1.068 | 1.224 | 1.135 |
| September | W | 1.098 | 1.035 | 1.000 | 1.200 | 1.066 |
| October | W | 1.078 | 1.071 | 0.996 | 1.151 | 1.041 |
| November | W | 1.164 | 1.068 | 1.098 | 1.145 | 1.145 |
| December | W | 1.351 | 1.193 | 1.266 | 1.290 | 1.320 |
| 2020 | | 1.186 | 1.090 | 1.066 | 1.246 | 1.143 |
| 2021 | | | | | | |
| January | W | 1.491 | 1.344 | 1.352 | 1.462 | 1.432 |
| February | W | 1.583 | 1.469 | 1.429 | 1.617 | 1.518 |
| March | W | 1.780 | 1.590 | 1.558 | 1.766 | 1.683 |
| April | W | 1.780 | 1.556 | 1.534 | 1.756 | 1.686 |
| May | W | 1.828 | 1.552 | 1.628 | 1.760 | 1.736 |
| June | W | 1.909 | 1.608 | 1.650 | 1.867 | 1.783 |
| July | W | 1.852 | 1.721 | 1.766 | 1.969 | 1.818 |
| August | W | 1.842 | 1.666 | 1.674 | 1.901 | 1.776 |
| September | W | 1.913 | 1.748 | 1.768 | 1.950 | 1.845 |
| October | W | 2.124 | 1.876 | 1.964 | 2.091 | 2.069 |
| November | W | 2.065 | 1.827 | 1.834 | 2.141 | 1.927 |
| December | 2.282 | 1.940 | 1.726 | 1.766 | 2.090 | 1.861 |

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

| Year month | Sulfur less than or equal to 1% | | Sulfur greater than 1% | | Total | |
|-------------|---------------------------------|------------------|------------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| 1994 | 4.2 | 6.6 | 9.3 | 6.2 | 13.5 | 12.8 |
| 1995 | 2.9 | 7.7 | 8.7 | 5.9 | 11.6 | 13.6 |
| 1996 | 3.1 | 6.3 | 9.8 | 7.4 | 12.9 | 13.8 |
| 1997 | 3.2 | 4.8 | 10.3 | 6.7 | 13.4 | 11.5 |
| 1998 | 3.9 | 5.7 | 10.5 | 9.6 | 14.4 | 15.4 |
| 1999 | 3.9 | 5.3 | 10.0 | 6.2 | 13.9 | 11.5 |
| 2000 | 3.3 | 4.9 | 9.8 | 5.6 | 13.1 | 10.5 |
| 2001 | 3.8 | 5.2 | 11.0 | 5.1 | 14.8 | 10.3 |
| 2002 | 2.7 | 5.1 | 7.8 | 3.7 | 10.4 | 8.8 |
| 2003 | 3.3 | 3.5 | 7.4 | 3.2 | 10.7 | 6.7 |
| 2004 | 3.4 | 2.9 | 6.8 | 3.0 | 10.2 | 5.9 |
| 2005 | 4.0 | 2.2 | 6.4 | 2.5 | 10.4 | 4.7 |
| 2006 | 2.8 | 2.8 | 7.6 | 3.6 | 10.4 | 6.5 |
| 2007 | 3.1 | 3.2 | 7.8 | 5.0 | 10.9 | 8.2 |
| 2008 | 2.5 | 2.9 | 5.9 | 6.6 | 8.4 | 9.5 |
| 2009 | 2.8 | 2.9 | 5.7 | 6.9 | 8.5 | 9.8 |
| 2010 | 2.4 | 2.6 | 5.2 | 8.1 | 7.6 | 10.7 |
| 2011 | 1.9 | 3.4 | 4.5 | 8.8 | 6.4 | 12.2 |
| 2012 | 1.5 | 2.1 | 4.0 | 6.8 | 5.5 | 8.8 |
| 2013 | 1.3 | 2.3 | 3.9 | 6.7 | 5.2 | 9.0 |
| 2014 | 1.0 | 2.4 | 3.6 | 5.6 | 4.6 | 8.0 |
| 2015 | 0.8 | 0.9 | 3.3 | 7.1 | 4.0 | 8.1 |
| 2016 | 0.8 | 0.8 | 3.3 | 7.6 | 4.2 | 8.4 |
| 2017 | W | 0.5 | W | 6.6 | 4.0 | 7.1 |
| 2018 | W | 0.4 | W | 7.2 | 3.5 | 7.6 |
| 2019 | W | 1.1 | W | 6.4 | 2.6 | 7.5 |
| 2020 | | | | | | |
| January | W | 3.9 | W | 3.0 | 1.8 | 6.9 |
| February | W | 4.7 | W | 3.1 | 2.4 | 7.8 |
| March | W | 5.1 | W | 2.7 | 2.0 | 7.9 |
| April | W | 5.2 | W | 3.5 | 2.3 | 8.7 |
| May | W | 3.9 | W | 1.8 | 1.6 | 5.8 |
| June | W | 4.4 | W | 1.3 | 1.8 | 5.7 |
| July | W | 3.3 | W | 1.1 | 2.0 | 4.4 |
| August | W | 2.4 | W | 1.9 | 1.7 | 4.4 |
| September | W | 4.0 | W | 2.0 | 1.9 | 6.0 |
| October | W | 3.1 | W | 2.7 | 2.9 | 5.8 |
| November | W | 3.8 | W | 1.6 | 2.0 | 5.4 |
| December | W | 3.3 | W | 1.9 | 2.3 | 5.2 |
| 2020 | W | 3.9 | W | 2.2 | 2.1 | 6.1 |
| 2021 | | | | | | |
| January | W | 2.8 | W | 2.1 | 2.1 | 4.9 |
| February | W | 2.8 | W | 2.1 | 2.0 | 4.9 |
| March | W | 3.9 | W | 3.0 | 2.1 | 7.0 |
| April | W | 3.0 | W | 1.9 | 2.0 | 4.9 |
| May | W | 2.7 | W | 2.3 | 1.8 | 5.1 |
| June | W | 3.0 | W | 2.8 | 2.2 | 5.8 |
| July | W | 2.5 | W | 1.6 | 1.8 | 4.1 |
| August | W | 3.0 | W | 1.9 | 2.0 | 4.9 |
| September | W | 2.6 | W | 2.3 | 1.8 | 4.9 |
| October | W | 3.9 | W | 2.1 | 2.0 | 6.0 |
| November | W | 2.2 | W | 3.4 | 2.2 | 5.6 |
| December | 1.3 | 3.9 | 0.7 | 3.2 | 1.9 | 7.2 |

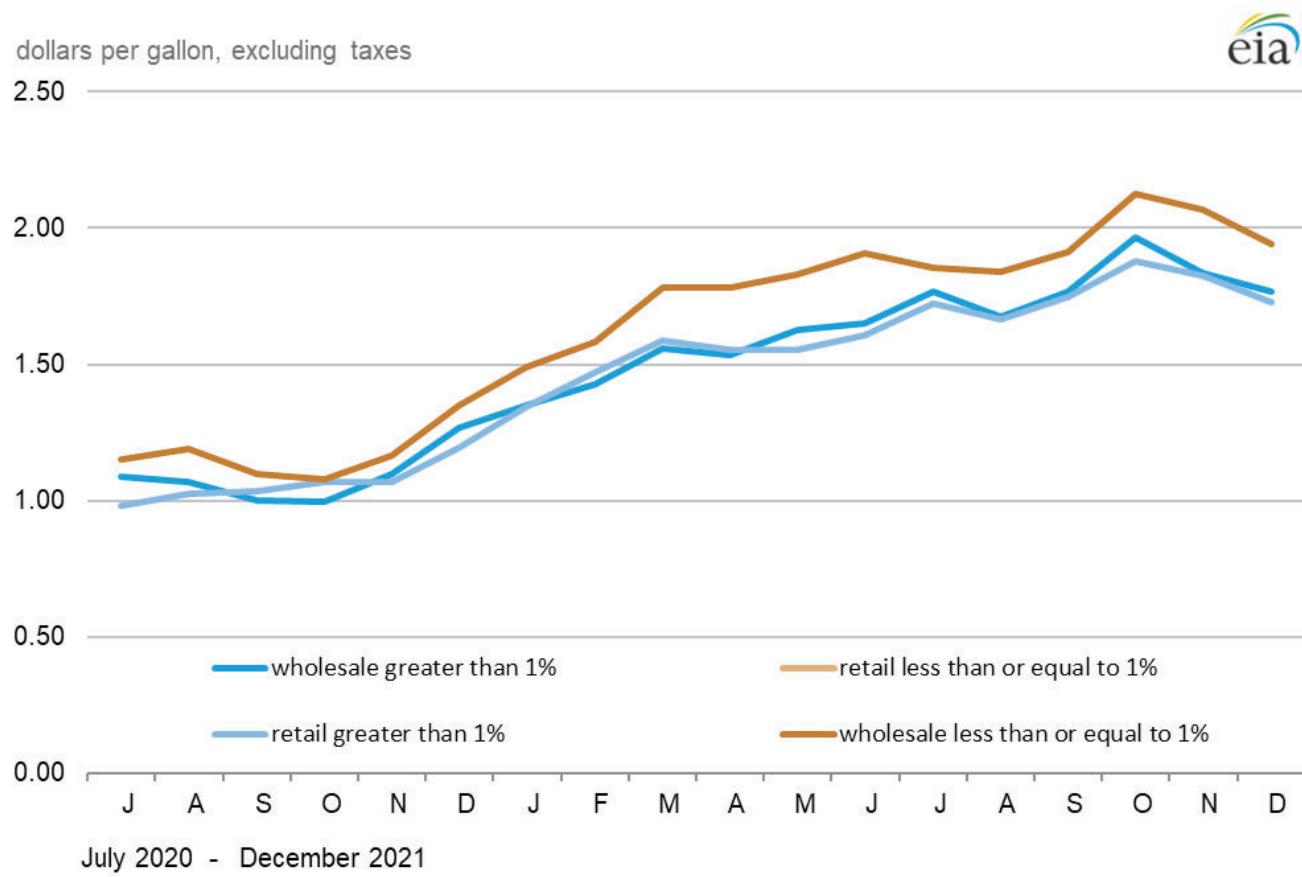
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices
dollars per barrel

| Year month | U.S. Average | | PAD District 1 | | | | PAD District 2 | | | | | | |
|-------------|--------------|---------------------|----------------|-------|-------|-------|----------------|-------|-------|-------|-------|-------|-------|
| | U.S. Average | Less AK North Slope | Average | NY | PA | WV | Average | IL | IN | KS | KY | MI | NE |
| 1997 | 17.23 | 17.92 | 19.25 | 18.49 | 18.79 | 17.56 | 18.60 | 19.11 | 18.73 | 18.63 | 17.97 | 18.75 | 18.10 |
| 1998 | 10.87 | 11.51 | 13.21 | 13.66 | 13.67 | 11.95 | 12.29 | 12.78 | 12.49 | 12.19 | 11.67 | 12.39 | 11.50 |
| 1999 | 15.56 | 16.38 | 17.36 | 18.65 | 18.49 | 16.46 | 17.27 | 17.37 | 17.31 | 17.08 | 16.68 | 16.63 | 17.21 |
| 2000 | 26.72 | 27.48 | 28.12 | 28.78 | 28.80 | 27.12 | 28.49 | 28.14 | 27.91 | 28.16 | 26.47 | 28.12 | 27.97 |
| 2001 | 21.84 | 22.77 | 23.98 | 24.19 | 24.82 | 22.35 | 23.95 | 23.76 | 23.46 | 23.56 | 22.53 | 22.69 | 23.67 |
| 2002 | 22.51 | 23.33 | 23.94 | 24.28 | 24.86 | 22.55 | 24.05 | 23.84 | 23.43 | 23.61 | 22.49 | 23.68 | 23.62 |
| 2003 | 27.56 | 28.47 | 29.12 | 28.91 | 29.60 | 28.06 | 29.24 | 29.10 | 28.38 | 28.68 | 27.21 | 29.18 | 28.63 |
| 2004 | 36.77 | 37.63 | 39.08 | 39.40 | 39.48 | 38.38 | 39.40 | 38.74 | 38.18 | 39.18 | 36.82 | 39.14 | 38.42 |
| 2005 | 50.28 | 51.02 | 53.84 | 54.64 | 54.57 | 53.75 | 53.33 | 51.20 | 51.02 | 53.41 | 49.45 | 53.67 | 52.38 |
| 2006 | 59.69 | 60.22 | 63.99 | 63.51 | 64.02 | 63.07 | 60.48 | 59.70 | 59.31 | 60.74 | 58.33 | 60.89 | 57.77 |
| 2007 | 66.52 | 67.04 | 69.00 | 69.46 | 70.00 | 67.27 | 67.16 | 65.66 | 65.47 | 66.85 | 63.60 | 66.87 | 62.78 |
| 2008 | 94.04 | 94.72 | 96.60 | W | 96.76 | 95.07 | 92.51 | 93.48 | 91.92 | 92.08 | 90.87 | 95.75 | 87.99 |
| 2009 | 56.35 | 56.65 | 56.56 | W | 56.96 | 55.77 | 55.00 | 55.47 | 55.65 | 54.41 | 55.24 | 56.39 | 50.93 |
| 2010 | 74.71 | 75.04 | 71.74 | W | 69.80 | 70.74 | 72.45 | 73.18 | 72.82 | 72.43 | 70.63 | 74.91 | 69.65 |
| 2011 | 95.73 | 95.35 | 90.77 | W | 87.16 | 86.56 | 89.38 | 88.73 | 88.15 | 88.52 | 86.00 | 92.40 | 85.48 |
| 2012 | 94.52 | 94.11 | 91.19 | W | 88.41 | 87.16 | 86.29 | 88.74 | 88.62 | 87.85 | 87.02 | 90.91 | 84.95 |
| 2013 | 95.99 | 96.00 | 92.45 | W | 89.84 | 91.26 | 91.64 | 92.94 | 93.04 | 91.85 | 91.17 | 96.50 | 87.44 |
| 2014 | 87.39 | 87.45 | 82.20 | W | 80.07 | 82.46 | 85.01 | 87.66 | 87.88 | 86.80 | 86.61 | 89.46 | 82.82 |
| 2015 | 44.39 | 44.58 | 37.65 | W | 38.98 | 33.72 | 42.44 | 43.97 | 44.51 | 43.16 | 45.38 | 45.38 | 40.10 |
| 2016 | 38.29 | 38.64 | 34.88 | W | 38.50 | 31.11 | 37.62 | 38.85 | 38.97 | 37.87 | 39.95 | 43.07 | 36.22 |
| 2017 | 48.05 | 48.23 | 44.96 | W | 45.93 | 43.34 | 47.39 | 47.02 | 46.76 | 45.95 | 47.33 | 51.51 | 44.33 |
| 2018 | 61.40 | 61.35 | 59.41 | W | 59.52 | 57.30 | 61.15 | 61.24 | 60.98 | 60.45 | 61.84 | 65.51 | 58.61 |
| 2019 | 55.59 | 55.48 | 51.49 | W | 51.70 | 49.17 | 53.24 | 53.68 | 53.50 | 52.58 | 53.60 | 56.32 | 50.50 |
| 2020 | | | | | | | | | | | | | |
| January | 56.55 | 56.55 | 50.01 | W | 49.82 | 49.15 | 54.23 | 55.74 | 55.94 | 53.68 | 54.12 | 56.54 | 51.24 |
| February | 49.66 | 49.75 | 43.16 | W | 43.23 | 42.15 | 47.03 | 51.94 | 53.46 | 47.66 | 48.98 | 49.40 | 44.16 |
| March | 31.01 | 30.79 | 23.42 | W | 23.42 | 22.45 | 28.21 | 27.30 | 27.13 | 26.48 | 26.55 | 28.07 | 24.22 |
| April | 15.18 | 15.38 | 10.34 | W | 11.07 | 9.38 | 12.72 | 16.22 | 16.29 | 14.40 | 16.64 | 15.73 | 11.81 |
| May | 18.02 | 17.83 | 17.75 | W | 20.22 | 16.43 | 19.08 | 25.65 | 24.92 | 22.80 | 24.33 | 27.89 | 20.50 |
| June | 33.81 | 34.26 | 25.01 | W | 31.63 | 22.52 | 34.80 | 35.02 | 34.78 | 33.51 | 34.32 | 37.55 | 31.58 |
| July | 37.44 | 37.88 | 30.10 | W | 32.47 | 29.49 | 36.96 | 37.39 | 37.25 | 36.38 | 36.07 | 39.93 | 34.28 |
| August | 39.37 | 39.61 | 31.15 | W | 34.42 | 30.43 | 38.14 | 38.91 | 38.65 | 37.89 | 37.52 | 41.57 | 35.92 |
| September | 36.82 | 37.10 | 28.42 | W | 30.65 | 27.12 | 35.64 | 36.34 | 36.18 | 35.34 | 35.04 | 38.83 | 33.41 |
| October | 36.39 | 36.74 | 29.37 | W | 30.68 | 28.35 | 35.39 | 36.16 | 35.96 | 35.12 | 34.78 | 35.77 | 32.98 |
| November | 38.25 | 38.53 | 30.13 | W | 32.48 | 28.89 | 37.34 | 38.04 | 37.81 | 36.99 | 36.55 | 40.33 | 34.81 |
| December | 43.92 | 44.15 | 36.09 | W | 38.06 | 35.02 | 43.63 | 43.94 | 43.72 | 42.87 | 42.50 | 45.89 | 40.68 |
| 2020 | 36.86 | 37.05 | 30.93 | W | 32.44 | 29.82 | 36.06 | 38.05 | 38.18 | 36.29 | 36.96 | 39.40 | 34.39 |
| 2021 | | | | | | | | | | | | | |
| January | 49.73 | 49.94 | 42.24 | W | 43.48 | 41.56 | 48.86 | 48.58 | 48.27 | 47.56 | 47.06 | 50.95 | 45.56 |
| February | 56.72 | 57.06 | 49.13 | W | 50.23 | 48.76 | 56.04 | 55.86 | 55.65 | 54.95 | 54.36 | 57.96 | 52.69 |
| March | 60.67 | 60.96 | 53.66 | W | 54.11 | 52.78 | 59.93 | 59.27 | 59.13 | 58.48 | 57.38 | 61.47 | 56.27 |
| April | 59.87 | 60.10 | 54.00 | W | 54.25 | 53.32 | 58.21 | 58.30 | 58.10 | 57.55 | 56.50 | 61.07 | 55.40 |
| May | 62.80 | 63.04 | 57.37 | W | 57.70 | 56.73 | 61.21 | 61.78 | 61.58 | 60.90 | 59.97 | 65.27 | 58.80 |
| June | 68.57 | 68.92 | 64.19 | W | 64.23 | 63.87 | 67.31 | 68.04 | 67.72 | 67.28 | 65.46 | 70.33 | 65.14 |
| July | 70.12 | 70.37 | 65.09 | W | 65.79 | 64.28 | 68.66 | 69.43 | 69.33 | 68.80 | 66.75 | 72.18 | 66.47 |
| August | 65.67 | 65.88 | 60.34 | W | 61.05 | 59.57 | 64.41 | 64.46 | 64.58 | 63.86 | 61.61 | 67.24 | 61.65 |
| September | 69.08 | 69.24 | 64.13 | W | 64.79 | 63.42 | 67.77 | 68.00 | 67.86 | 67.53 | 65.31 | 70.80 | 65.23 |
| October | 78.51 | 78.70 | 74.02 | W | 74.43 | 73.33 | 76.99 | 77.65 | 77.23 | 77.18 | 75.05 | 81.09 | 75.06 |
| November | 76.45 | 76.68 | 71.42 | W | 71.65 | 70.67 | 74.89 | 74.68 | 75.02 | 74.25 | 72.67 | 78.16 | 72.34 |
| December | 70.55 | 70.72 | 64.66 | W | 64.86 | 64.00 | 68.64 | 68.36 | 68.68 | 67.83 | 66.38 | 71.18 | 65.83 |
| 2021 | 65.90 | 66.15 | 59.68 | W | 60.17 | 59.02 | 64.46 | 64.67 | 65.15 | 64.01 | 62.18 | 67.37 | 61.89 |

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

| Year month | PAD District 2 (cont.) | | | | | PAD District 3 | | | | | Federal | |
|-------------|------------------------|-------|-------|-------|---------|----------------|-------|--------|--------|-------|---------|---------------|
| | ND | OH | OK | SD | Average | AL | AR | LA | MS | NM | TX | Offshore Gulf |
| 1997 | 17.63 | 17.77 | 19.05 | 17.80 | 18.69 | 18.58 | 17.58 | 19.22 | 16.94 | 19.02 | 18.66 | 18.63 |
| 1998 | 11.39 | 12.20 | 12.73 | 12.29 | 12.19 | 12.08 | 11.10 | 12.59 | 10.33 | 12.36 | 12.28 | 12.03 |
| 1999 | 16.70 | 16.41 | 17.77 | 16.86 | 17.07 | 16.71 | 15.89 | 17.73 | 15.42 | 17.46 | 17.29 | 16.66 |
| 2000 | 28.19 | 27.49 | 29.08 | 28.18 | 28.22 | 27.63 | 26.98 | 29.03 | 26.23 | 28.80 | 28.60 | 27.59 |
| 2001 | 23.55 | 22.55 | 24.68 | 23.89 | 23.43 | 23.18 | 21.82 | 24.51 | 21.13 | 23.72 | 23.41 | 23.29 |
| 2002 | 24.15 | 22.61 | 24.49 | 23.96 | 23.74 | 23.39 | 21.50 | 24.84 | 22.11 | 24.11 | 23.77 | 23.49 |
| 2003 | 29.27 | 28.18 | 29.72 | 28.94 | 29.08 | 28.97 | 26.57 | 30.52 | 27.46 | 29.52 | 29.13 | 28.72 |
| 2004 | 39.30 | 38.27 | 39.95 | 38.40 | 38.41 | 38.79 | 36.67 | 40.48 | 37.03 | 39.25 | 38.79 | 37.07 |
| 2005 | 52.38 | 53.47 | 54.46 | 50.65 | 51.96 | 53.26 | 50.86 | 54.05 | 49.58 | 52.84 | 52.61 | 49.78 |
| 2006 | 56.69 | 62.89 | 63.11 | 51.85 | 61.49 | 63.16 | 58.67 | 64.23 | 59.35 | 61.74 | 61.31 | 60.80 |
| 2007 | 65.30 | 68.09 | 69.31 | 62.78 | 68.37 | 71.10 | 64.25 | 71.63 | 68.65 | 68.94 | 68.30 | 67.40 |
| 2008 | 88.68 | 96.43 | 96.15 | 87.42 | 97.64 | 96.71 | 90.91 | 100.89 | 94.60 | 96.23 | 96.85 | 99.10 |
| 2009 | 53.75 | 56.35 | 56.56 | 50.75 | 57.77 | 55.25 | 53.07 | 59.18 | 58.29 | 57.08 | 57.40 | 58.22 |
| 2010 | 70.26 | 73.68 | 75.18 | 69.04 | 76.57 | 75.54 | 71.01 | 78.25 | 76.41 | 75.64 | 76.23 | 77.06 |
| 2011 | 88.74 | 90.79 | 90.94 | 87.08 | 96.79 | 105.99 | 87.61 | 106.20 | 100.43 | 90.93 | 91.99 | 105.65 |
| 2012 | 84.06 | 92.87 | 89.97 | 83.10 | 96.11 | 104.81 | 89.39 | 105.97 | 100.80 | 88.01 | 92.50 | 105.95 |
| 2013 | 90.22 | 94.89 | 94.25 | 89.28 | 97.53 | 103.10 | 92.98 | 105.18 | 100.44 | 92.13 | 95.80 | 103.29 |
| 2014 | 82.89 | 83.95 | 89.25 | 82.78 | 88.43 | 89.73 | 85.23 | 94.13 | 90.81 | 83.44 | 87.02 | 93.33 |
| 2015 | 41.42 | 38.40 | 44.96 | 42.73 | 45.61 | 44.55 | 43.04 | 48.43 | 46.81 | 44.40 | 44.95 | 47.67 |
| 2016 | 36.51 | 37.04 | 39.51 | 36.39 | 39.19 | 38.53 | 37.21 | 41.08 | 39.18 | 39.18 | 39.35 | 38.63 |
| 2017 | 47.04 | 46.14 | 48.41 | 45.60 | 48.50 | 48.34 | 44.60 | 50.37 | 48.06 | 47.90 | 48.57 | 48.46 |
| 2018 | 60.27 | 60.61 | 62.95 | 59.55 | 61.04 | 64.93 | 58.69 | 66.65 | 64.39 | 56.06 | 59.91 | 65.97 |
| 2019 | 52.60 | 52.30 | 54.60 | 50.91 | 55.85 | 57.73 | 51.40 | 59.47 | 57.65 | 53.01 | 55.04 | 59.46 |
| 2020 | | | | | | | | | | | | |
| January | 53.65 | 51.07 | 55.78 | 50.88 | 57.12 | 56.23 | 52.23 | 59.04 | 56.07 | 56.55 | 57.25 | 57.03 |
| February | 46.18 | 44.01 | 48.60 | 43.81 | 50.57 | 49.17 | 45.05 | 51.70 | 49.68 | 49.44 | 49.88 | 53.16 |
| March | 28.64 | 24.30 | 28.14 | 23.66 | 31.77 | 28.68 | 24.67 | 31.15 | 28.75 | 29.83 | 30.34 | 37.10 |
| April | 11.76 | 12.44 | 14.28 | 10.05 | 15.95 | 12.59 | 12.74 | 16.12 | 14.14 | 15.32 | 14.75 | 19.62 |
| May | 18.03 | 21.17 | 19.96 | 10.31 | 16.95 | 18.03 | 22.15 | 20.97 | 20.80 | 17.24 | 16.92 | 16.60 |
| June | 35.98 | 31.29 | 33.77 | 33.96 | 34.04 | 34.52 | 32.59 | 36.55 | 36.08 | 33.98 | 34.90 | 31.49 |
| July | 36.80 | 33.43 | 37.87 | 34.80 | 38.11 | 36.19 | 35.46 | 39.15 | 37.76 | 37.69 | 38.37 | 37.54 |
| August | 37.66 | 35.52 | 39.51 | 36.11 | 40.06 | 38.23 | 36.80 | 40.66 | 39.95 | 39.95 | 39.98 | 40.56 |
| September | 35.36 | 33.12 | 36.68 | 33.13 | 37.56 | 35.48 | 34.54 | 38.50 | 37.18 | 37.31 | 37.09 | 39.27 |
| October | 35.02 | 33.45 | 36.62 | 33.30 | 37.15 | 35.15 | 34.23 | 37.81 | 36.70 | 37.14 | 36.97 | 37.94 |
| November | 36.98 | 34.75 | 38.45 | 35.17 | 38.83 | 36.79 | 36.16 | 39.51 | 39.04 | 38.68 | 38.77 | 39.11 |
| December | 43.57 | 40.66 | 44.27 | 40.66 | 44.23 | 42.46 | 41.60 | 45.35 | 44.45 | 44.35 | 44.64 | 43.02 |
| 2020 | 35.63 | 33.36 | 37.05 | 32.72 | 37.31 | 36.19 | 35.16 | 38.91 | 37.76 | 36.86 | 37.17 | 37.96 |
| 2021 | | | | | | | | | | | | |
| January | 48.93 | 45.39 | 49.40 | 45.76 | 50.20 | 47.99 | 45.56 | 50.68 | 49.48 | 49.89 | 50.41 | 49.87 |
| February | 56.14 | 52.47 | 56.58 | 52.90 | 57.32 | 55.29 | 53.01 | 58.36 | 56.60 | 57.07 | 57.80 | 56.39 |
| March | 60.19 | 56.64 | 60.18 | 57.08 | 61.24 | 59.20 | 56.62 | 61.70 | 60.72 | 61.45 | 61.30 | 60.99 |
| April | 57.74 | 55.91 | 59.49 | 56.62 | 60.53 | 58.61 | 55.46 | 61.24 | 59.90 | 60.29 | 60.36 | 61.25 |
| May | 60.53 | 59.31 | 62.72 | 59.50 | 63.42 | 61.61 | 58.92 | 64.08 | 62.70 | 63.44 | 63.48 | 63.27 |
| June | 66.53 | 65.73 | 69.01 | 65.71 | 69.28 | 67.73 | 65.27 | 70.18 | 68.75 | 69.57 | 69.49 | 68.53 |
| July | 67.80 | 67.18 | 70.37 | 67.58 | 70.80 | 69.67 | 66.70 | 71.50 | 69.98 | 71.13 | 70.78 | 70.71 |
| August | 63.82 | 62.15 | 65.91 | 63.57 | 66.24 | 64.05 | 61.64 | 66.38 | 64.48 | 66.35 | 66.02 | 67.01 |
| September | 66.98 | 65.93 | 69.58 | 67.07 | 69.57 | 67.66 | 65.05 | 69.98 | 68.18 | 70.06 | 69.85 | 67.57 |
| October | 75.81 | 75.61 | 79.31 | 76.88 | 79.06 | 77.65 | 74.99 | 79.91 | 78.28 | 79.97 | 79.79 | 75.79 |
| November | 74.17 | 72.62 | 76.69 | 74.36 | 77.21 | 74.80 | 72.04 | 77.25 | 75.26 | 77.28 | 77.43 | 76.57 |
| December | 67.89 | 65.97 | 70.62 | 68.05 | 71.32 | 67.95 | 65.53 | 70.71 | 68.73 | 71.19 | 71.32 | 71.64 |
| 2021 | 63.88 | 61.39 | 66.02 | 62.88 | 66.54 | 64.58 | 62.00 | 66.50 | 65.10 | 66.90 | 66.86 | 65.43 |

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

| Year month | PAD District 4 | | | | | PAD District 5 | | | | Federal Offshore CA | |
|-------------|----------------|-------|-------|-------|--------|----------------|----------------|----------|--------|---------------------|--|
| | Average | CO | MT | UT | WY | Average | AK North Slope | AK Other | CA | Offshore CA | |
| 1997 | 17.80 | 19.03 | 17.00 | 18.57 | 17.41 | 15.06 | 14.84 | 17.43 | 15.78 | 12.97 | |
| 1998 | 11.38 | 12.56 | 11.28 | 12.52 | 10.70 | 8.80 | 8.47 | 11.55 | 9.55 | 6.99 | |
| 1999 | 16.79 | 17.37 | 16.54 | 17.69 | 16.47 | 13.10 | 12.46 | 17.44 | 14.08 | 11.78 | |
| 2000 | 27.60 | 28.85 | 27.82 | 28.53 | 26.89 | 24.16 | 23.62 | 28.23 | 24.82 | 23.32 | |
| 2001 | 22.73 | 24.82 | 23.16 | 24.09 | 21.55 | 19.03 | 18.18 | 23.30 | 20.11 | 18.38 | |
| 2002 | 23.01 | 25.29 | 22.76 | 23.87 | 21.96 | 20.39 | 19.37 | 24.47 | 21.87 | 19.03 | |
| 2003 | 28.09 | 30.71 | 28.66 | 28.88 | 26.63 | 24.97 | 23.78 | 28.48 | 26.43 | 24.25 | |
| 2004 | 37.34 | 40.38 | 38.53 | 39.35 | 35.10 | 33.69 | 33.03 | 38.76 | 34.47 | 32.23 | |
| 2005 | 50.65 | 55.34 | 52.66 | 53.98 | 45.63 | 47.03 | 47.05 | 54.19 | 47.08 | 43.48 | |
| 2006 | 57.38 | 63.80 | 56.69 | 59.70 | 53.25 | 57.03 | 56.86 | 64.10 | 57.34 | 53.37 | |
| 2007 | 62.54 | 67.04 | 64.64 | 62.48 | 58.34 | 64.24 | 63.69 | 69.60 | 65.07 | 59.39 | |
| 2008 | 88.23 | 90.80 | 89.96 | 86.58 | 86.07 | 90.16 | 90.10 | 95.04 | 90.47 | 85.68 | |
| 2009 | 52.16 | 52.33 | 52.96 | 50.22 | 52.30 | 55.23 | 54.41 | W | 56.11 | 53.59 | |
| 2010 | 69.72 | 72.75 | 70.24 | 68.09 | 68.10 | 73.29 | 72.33 | W | 74.51 | 69.80 | |
| 2011 | 85.64 | 88.26 | 88.61 | 82.53 | 83.45 | 100.39 | 98.79 | W | 102.50 | 96.01 | |
| 2012 | 82.91 | 85.78 | 82.98 | 82.73 | 80.70 | 101.33 | 98.70 | W | 104.10 | 97.04 | |
| 2013 | 87.16 | 90.10 | 88.73 | 84.79 | 85.30 | 99.08 | 95.79 | W | 102.53 | 91.40 | |
| 2014 | 80.92 | 82.48 | 80.54 | 79.04 | 80.54 | 89.30 | 86.41 | W | 92.14 | 80.55 | |
| 2015 | 40.58 | 40.51 | 40.38 | 40.69 | 40.64 | 43.58 | 41.11 | W | 45.63 | 37.62 | |
| 2016 | 36.68 | 37.81 | 35.40 | 36.92 | 35.98 | 35.68 | 33.13 | W | 37.96 | W | |
| 2017 | 45.94 | 46.41 | 44.89 | 44.24 | 46.63 | 47.44 | 45.21 | W | 49.54 | W | |
| 2018 | 59.05 | 59.87 | 58.03 | 56.85 | 59.35 | 65.03 | 62.21 | W | 68.12 | W | |
| 2019 | 50.72 | 50.89 | 50.26 | 48.32 | 51.53 | 59.94 | 57.55 | W | 62.98 | W | |
| 2020 | | | | | | | | | | | |
| January | 51.01 | 51.78 | 49.99 | 49.02 | 51.07 | 59.20 | 56.49 | W | 63.03 | W | |
| February | 43.82 | 44.04 | 42.45 | 44.19 | 43.74 | 50.50 | 48.24 | W | 53.68 | W | |
| March | 24.62 | 23.95 | 23.69 | 29.17 | 24.11 | 33.21 | 34.68 | W | 31.47 | W | |
| April | 11.19 | 9.53 | 9.95 | 18.69 | 10.79 | 15.33 | 12.29 | W | 19.50 | W | |
| May | 15.11 | 9.96 | 16.52 | 21.93 | 20.46 | 23.77 | 20.52 | W | 27.94 | W | |
| June | 32.16 | 30.77 | 33.91 | 31.48 | 33.75 | 32.08 | 26.24 | - | 38.39 | W | |
| July | 34.90 | 36.04 | 33.81 | 33.89 | 35.03 | 35.05 | 31.07 | - | 40.37 | W | |
| August | 36.93 | 37.99 | 35.57 | 37.49 | 36.45 | 38.35 | 35.80 | - | 41.65 | W | |
| September | 34.15 | 35.31 | 32.85 | 35.58 | 33.37 | 35.25 | 31.90 | - | 39.16 | W | |
| October | 34.43 | 35.33 | 32.68 | 35.32 | 34.06 | 34.29 | 30.82 | W | 38.77 | W | |
| November | 36.26 | 37.16 | 34.62 | 36.93 | 35.96 | 36.98 | 34.69 | - | 40.93 | W | |
| December | 41.90 | 42.91 | 40.21 | 41.96 | 41.82 | 43.44 | 40.64 | - | 47.61 | W | |
| 2020 | 33.33 | 31.40 | 33.21 | 34.91 | 34.34 | 36.65 | 33.98 | W | 40.21 | W | |
| 2021 | | | | | | | | | | | |
| January | 46.97 | 47.83 | 45.03 | 47.76 | 46.65 | 49.10 | 46.69 | - | 52.85 | W | |
| February | 53.49 | 54.73 | 52.09 | 53.06 | 53.52 | 55.48 | 52.37 | - | 60.28 | W | |
| March | 57.05 | 58.09 | 56.39 | 56.25 | 57.21 | 59.34 | 56.52 | - | 63.87 | W | |
| April | 56.65 | 56.92 | 56.76 | 55.35 | 57.17 | 58.92 | 56.04 | - | 62.95 | W | |
| May | 60.01 | 60.63 | 59.43 | 57.84 | 60.88 | 61.93 | 59.16 | - | 66.26 | W | |
| June | 65.81 | 66.83 | 65.23 | 63.42 | 66.70 | 66.78 | 63.73 | - | 71.54 | W | |
| July | 66.97 | 67.39 | 66.45 | 64.30 | 68.28 | 68.60 | 65.90 | - | 72.21 | W | |
| August | 62.65 | 63.02 | 62.47 | 60.11 | 63.79 | 64.73 | 62.24 | - | 68.08 | W | |
| September | 66.33 | 66.93 | 65.93 | 62.79 | 67.93 | 68.93 | 66.69 | - | 72.14 | W | |
| October | 76.59 | 77.97 | 76.10 | 71.28 | 78.15 | 77.84 | 75.69 | - | 81.21 | W | |
| November | R73.86 | 74.95 | 73.97 | 69.00 | R75.61 | 74.53 | 73.03 | - | 77.01 | W | |
| December | 67.11 | 68.17 | 67.31 | 62.90 | 68.41 | 69.36 | 68.01 | - | 71.55 | W | |
| 2021 | 63.69 | 65.97 | 62.47 | 60.74 | 64.32 | 64.63 | 62.20 | - | 68.33 | W | |

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 19. Domestic crude oil first purchase prices for selected crude streams
dollars per barrel

| Year month | Alaska North Slope | California Kern River | California Midway-Sunset | Heavy Louisiana Sweet | Louisiana Light Sweet | Mars Blend | West Texas Intermediate | West Texas Sour | Wyoming Sweet |
|-------------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|------------|-------------------------|-----------------|---------------|
| 1997 | 14.84 | 15.02 | 14.88 | - | - | - | 19.27 | 17.77 | - |
| 1998 | 8.47 | 8.59 | 8.48 | - | - | - | 12.89 | 11.50 | - |
| 1999 | 12.46 | 14.02 | 12.22 | - | - | - | 17.78 | 16.66 | - |
| 2000 | 23.62 | 23.88 | 23.56 | - | - | - | 29.16 | 27.66 | - |
| 2001 | 18.18 | 19.03 | 19.50 | - | - | - | 24.62 | 22.10 | - |
| 2002 | 19.37 | 19.80 | 22.81 | - | - | - | 24.33 | 23.23 | - |
| 2003 | 23.78 | 25.24 | 26.67 | - | - | - | 29.60 | 28.18 | 30.11 |
| 2004 | 33.03 | 33.42 | 33.74 | 37.78 | 40.24 | 34.53 | 39.55 | 37.29 | 39.52 |
| 2005 | 47.05 | 44.67 | 45.93 | 51.61 | 51.95 | 46.13 | 53.90 | 50.72 | 53.94 |
| 2006 | 56.86 | 55.05 | 54.59 | 63.41 | 64.04 | 57.35 | 63.16 | 59.03 | 60.52 |
| 2007 | 63.69 | 62.14 | 61.62 | 70.00 | 72.93 | 63.37 | 69.59 | 65.56 | 64.79 |
| 2008 | 90.10 | 87.27 | 86.92 | 103.96 | 104.51 | 93.40 | 97.39 | 95.31 | 89.30 |
| 2009 | 54.41 | 53.94 | 53.00 | 58.61 | 61.26 | 57.21 | 57.27 | 56.63 | 51.68 |
| 2010 | 72.33 | 72.80 | 72.26 | 78.16 | 79.28 | 75.43 | 76.63 | 75.03 | 70.43 |
| 2011 | 98.79 | 103.14 | 100.96 | 106.74 | 108.48 | 105.30 | 92.18 | 90.77 | 87.42 |
| 2012 | 98.70 | 103.41 | 103.05 | 106.77 | 107.53 | 105.03 | 91.36 | 87.94 | 84.81 |
| 2013 | 95.79 | 101.33 | 101.02 | 105.73 | 106.32 | 100.80 | 95.26 | 92.51 | 90.10 |
| 2014 | 86.41 | 90.38 | 89.34 | 95.53 | 94.37 | 92.50 | 85.90 | 85.66 | 82.19 |
| 2015 | 41.11 | 44.71 | 43.81 | 47.83 | 47.91 | 46.27 | 44.58 | 45.78 | 41.77 |
| 2016 | 33.13 | 36.83 | 36.12 | 40.37 | 40.56 | 36.75 | 39.20 | 39.44 | 37.86 |
| 2017 | 45.21 | 48.33 | 48.04 | 50.27 | 49.52 | 46.89 | 48.50 | 48.25 | 47.80 |
| 2018 | 62.21 | 67.05 | 66.97 | 67.54 | 66.17 | 64.59 | 58.11 | 57.04 | 60.99 |
| 2019 | 57.55 | 62.57 | 61.00 | 60.92 | 58.88 | 58.14 | 54.14 | 53.51 | 52.21 |
| 2020 | | | | | | | | | |
| January | 56.49 | 63.23 | 60.51 | 57.87 | 56.25 | 55.40 | 57.39 | 56.50 | 52.01 |
| February | 48.24 | 53.93 | 50.70 | 53.15 | 48.50 | 50.45 | 50.00 | 49.17 | 45.03 |
| March | 34.68 | 31.47 | 28.50 | 35.58 | 31.74 | 32.24 | 31.48 | 29.32 | 24.97 |
| April | 12.29 | W | 16.53 | 18.17 | 15.64 | 15.13 | 15.54 | 14.76 | 11.07 |
| May | 20.52 | W | 26.82 | 15.76 | 19.84 | 17.35 | 17.05 | 15.61 | 22.08 |
| June | 26.24 | W | 37.47 | 31.77 | 36.45 | 33.21 | 35.06 | 36.21 | 33.96 |
| July | 31.07 | W | 39.89 | 35.91 | 38.30 | 38.37 | 38.45 | 38.36 | 34.98 |
| August | 35.80 | W | 40.60 | 39.85 | 40.63 | 41.31 | 40.18 | 40.47 | 36.53 |
| September | 31.90 | W | 38.12 | 36.78 | 37.45 | 39.28 | 37.34 | 37.62 | 33.66 |
| October | 30.82 | W | 37.93 | 36.84 | 37.46 | 37.89 | 37.08 | 37.39 | 34.35 |
| November | 34.69 | W | 39.95 | 38.00 | 39.53 | 39.69 | 38.86 | 39.30 | 36.36 |
| December | 40.64 | W | 46.76 | 43.85 | 44.33 | 44.66 | 44.68 | 45.31 | 42.32 |
| 2020 | 33.98 | 40.26 | 39.04 | 38.12 | 38.10 | 36.89 | 37.35 | 37.35 | 34.95 |
| 2021 | | | | | | | | | |
| January | 46.69 | W | 51.75 | 52.07 | 51.03 | 50.66 | 50.63 | 51.00 | 47.30 |
| February | 52.37 | W | 59.16 | 59.18 | 58.35 | 57.88 | 58.17 | 58.57 | 54.41 |
| March | 56.52 | W | 63.00 | 63.49 | 62.13 | 61.17 | 61.81 | 61.83 | 57.94 |
| April | 56.04 | W | 61.82 | 63.13 | 61.46 | 60.76 | 60.84 | 60.31 | 57.65 |
| May | 59.16 | W | 65.25 | 65.54 | 64.46 | 63.92 | 63.88 | 64.00 | 61.42 |
| June | 63.73 | W | 70.41 | 71.68 | 70.51 | 69.89 | 69.79 | 70.18 | 67.46 |
| July | 65.90 | W | 70.97 | 72.91 | 71.79 | 70.90 | 71.50 | 71.21 | 69.17 |
| August | 62.24 | W | 66.75 | 68.30 | 66.28 | 65.45 | 66.80 | 66.63 | 64.70 |
| September | 66.69 | W | 71.01 | 70.57 | 70.47 | 67.54 | 70.36 | 70.09 | 68.76 |
| October | 75.69 | W | 80.13 | 78.78 | 80.29 | 78.62 | 80.08 | 80.17 | 78.74 |
| November | 73.03 | W | 75.90 | 78.32 | 77.84 | 75.63 | 77.69 | 77.46 | 76.47 |
| December | 68.01 | W | 70.58 | 73.02 | 71.58 | 68.86 | 71.94 | 70.35 | 69.72 |
| 2021 | 62.20 | 67.83 | 67.22 | 67.54 | 66.11 | 65.42 | 67.49 | 66.78 | 64.84 |

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 20. Domestic crude oil first purchase prices by API gravity
dollars per barrel

| Year month | 20.0 or less | 20.1 to 25.0 | 25.1 to 30.0 | 30.1 to 35.0 | 35.1 to 40.0 | 40.1 or greater |
|-------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| 1997 | 15.44 | 16.27 | 14.87 | 18.38 | 18.62 | 19.26 |
| 1998 | 9.22 | 9.62 | 8.50 | 12.03 | 12.17 | 12.80 |
| 1999 | 14.00 | 15.30 | 12.50 | 16.92 | 17.18 | 17.64 |
| 2000 | 24.42 | 25.64 | 23.64 | 28.10 | 28.36 | 29.09 |
| 2001 | 19.53 | 19.59 | 18.18 | 23.31 | 23.99 | 24.43 |
| 2002 | 21.08 | 20.80 | 19.39 | 23.62 | 23.94 | 24.26 |
| 2003 | 25.82 | 25.56 | 23.80 | 28.77 | 29.21 | 29.66 |
| 2004 | 33.38 | 35.02 | 33.21 | 37.24 | 39.33 | 39.97 |
| 2005 | 45.01 | 46.33 | 47.09 | 50.81 | 53.14 | 54.06 |
| 2006 | 54.96 | 57.89 | 56.18 | 60.78 | 61.83 | 61.86 |
| 2007 | 62.00 | 64.94 | 62.83 | 67.14 | 69.29 | 69.17 |
| 2008 | 87.10 | 91.01 | 89.55 | 98.41 | 96.69 | 94.95 |
| 2009 | 54.05 | 55.66 | 54.30 | 57.66 | 56.93 | 56.66 |
| 2010 | 72.40 | 75.04 | 71.78 | 76.22 | 76.03 | 74.48 |
| 2011 | 101.30 | 103.07 | 97.12 | 99.65 | 94.54 | 91.87 |
| 2012 | 102.79 | 101.56 | 96.64 | 98.48 | 93.12 | 91.01 |
| 2013 | 99.40 | 100.70 | 94.13 | 99.11 | 96.24 | 94.76 |
| 2014 | 87.83 | 91.05 | 85.48 | 90.95 | 86.56 | 86.12 |
| 2015 | 43.88 | 45.71 | 40.73 | 46.82 | 44.67 | 43.65 |
| 2016 | 36.87 | 38.52 | 32.94 | 38.95 | 39.33 | 38.25 |
| 2017 | 48.74 | 49.77 | 45.08 | 48.40 | 48.64 | 48.44 |
| 2018 | 67.45 | 67.25 | 61.83 | 62.35 | 58.97 | 61.59 |
| 2019 | 62.43 | 62.03 | 57.27 | 57.20 | 54.35 | 55.12 |
| 2020 | | | | | | |
| January | 62.86 | 61.73 | 56.16 | 56.29 | 57.08 | 56.25 |
| February | 53.45 | 52.84 | 47.92 | 50.78 | 49.70 | 48.82 |
| March | 31.20 | 31.18 | 34.22 | 32.28 | 31.03 | 28.50 |
| April | 19.11 | 18.77 | 12.23 | 15.93 | 15.41 | 13.69 |
| May | 27.48 | 27.74 | 20.53 | 16.66 | 17.66 | 18.24 |
| June | 37.99 | 38.53 | 26.44 | 33.97 | 35.16 | 35.43 |
| July | 39.84 | 39.61 | 31.16 | 37.83 | 38.31 | 37.95 |
| August | 41.36 | 41.53 | 35.80 | 40.75 | 40.04 | 39.46 |
| September | 38.78 | 38.94 | 31.88 | 38.37 | 37.20 | 36.79 |
| October | 38.42 | 38.59 | 30.86 | 37.57 | 36.99 | 36.67 |
| November | 40.46 | 40.71 | 34.68 | 39.20 | 38.80 | 38.53 |
| December | 47.14 | 47.21 | 40.61 | 44.60 | 44.62 | 44.60 |
| 2020 | 40.03 | 40.15 | 33.93 | 37.44 | 37.34 | 36.74 |
| 2021 | | | | | | |
| January | 52.30 | 52.09 | 46.61 | 51.02 | 50.50 | 49.91 |
| February | 59.63 | 60.06 | 52.29 | 58.29 | 57.99 | 56.97 |
| March | 63.21 | 63.47 | 56.45 | 62.13 | 61.66 | 60.91 |
| April | 62.20 | 62.85 | 55.96 | 61.18 | 60.72 | 59.42 |
| May | 65.45 | 65.92 | 59.10 | 64.21 | 63.81 | 62.43 |
| June | 70.80 | 71.51 | 63.67 | 70.23 | 69.73 | 68.53 |
| July | 71.83 | 72.24 | 65.80 | 71.41 | 71.41 | 69.90 |
| August | 67.54 | 68.06 | 62.13 | 66.51 | 66.71 | 65.45 |
| September | 71.73 | 71.92 | 66.56 | 69.26 | 70.32 | 68.93 |
| October | 80.85 | 81.01 | 75.61 | 78.93 | 80.02 | 78.40 |
| November | 76.73 | 77.17 | 72.94 | 76.78 | 77.58 | 76.16 |
| December | 71.19 | 71.65 | 67.82 | 70.40 | 71.73 | 70.02 |
| 2021 | 67.71 | 68.11 | 62.10 | 66.37 | 67.38 | 65.73 |

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 21. F.O.B.[a] costs of imported crude oil by selected country
dollars per barrel

| Year month | Selected countries | | | | | | | Persian Gulf[b] | Total OPEC[c] | Non OPEC |
|-------------|--------------------|----------|--------|---------|--------------|----------------|-----------|-----------------|---------------|----------|
| | Angola | Colombia | Mexico | Nigeria | Saudi Arabia | United Kingdom | Venezuela | | | |
| 1997 | 18.81 | 18.85 | 16.72 | 19.43 | 15.16 | 18.59 | 15.33 | 15.24 | 16.26 | 17.51 |
| 1998 | 12.11 | 12.56 | 10.49 | 12.97 | 8.87 | 12.52 | 9.31 | 9.09 | 10.20 | 11.21 |
| 1999 | 17.46 | 17.20 | 15.89 | 17.32 | 17.65 | 19.14 | 14.33 | 17.15 | 15.90 | 16.84 |
| 2000 | 27.90 | 29.04 | 25.39 | 28.70 | 24.62 | 27.21 | 24.45 | 24.72 | 25.56 | 26.77 |
| 2001 | 23.25 | 24.25 | 18.89 | 24.85 | 18.98 | 23.30 | 18.01 | 18.89 | 19.73 | 21.04 |
| 2002 | 24.09 | 24.64 | 21.60 | 25.38 | 23.92 | 24.50 | 20.13 | 23.38 | 22.18 | 22.93 |
| 2003 | 28.22 | 28.89 | 24.83 | 29.40 | 25.03 | 28.76 | 23.81 | 25.17 | 25.36 | 26.21 |
| 2004 | 37.26 | 37.73 | 31.55 | 38.71 | 34.08 | 37.30 | 31.78 | 33.08 | 33.95 | 33.58 |
| 2005 | 52.48 | 51.89 | 43.00 | 55.95 | 47.96 | 54.48 | 46.39 | 47.21 | 49.60 | 45.79 |
| 2006 | 62.23 | 59.77 | 52.91 | 65.69 | 56.09 | 66.03 | 55.80 | 56.02 | 59.18 | 55.35 |
| 2007 | 67.80 | 67.93 | 61.35 | 76.64 | W | 69.96 | 64.10 | 69.93 | 69.58 | 62.69 |
| 2008 | 95.66 | 91.17 | 84.61 | 102.06 | 93.03 | 96.33 | 88.06 | 91.44 | 93.15 | 87.15 |
| 2009 | 57.07 | 57.90 | 56.47 | 64.61 | 57.87 | 65.63 | 55.58 | 59.53 | 58.53 | 57.16 |
| 2010 | 78.18 | 72.56 | 72.46 | 80.83 | 76.44 | W | 70.30 | 75.65 | 75.23 | 73.24 |
| 2011 | 111.82 | 100.21 | 100.90 | 115.35 | 107.08 | - | 97.23 | 106.47 | 105.34 | 98.49 |
| 2012 | 111.23 | 106.43 | 101.84 | 114.51 | 106.65 | - | 100.15 | 105.45 | 104.39 | 95.71 |
| 2013 | 107.71 | 101.24 | 98.40 | 110.06 | 101.16 | W | 97.52 | 100.62 | 100.57 | 93.67 |
| 2014 | W | 80.75 | 86.55 | W | 95.60 | - | 84.51 | 94.03 | 89.76 | 82.95 |
| 2015 | W | 47.52 | 44.90 | W | 47.53 | - | 40.73 | 46.95 | 43.25 | 41.19 |
| 2016 | 42.68 | 35.28 | 36.22 | 46.20 | 39.30 | W | 34.71 | 38.76 | 38.51 | 34.81 |
| 2017 | W | 48.34 | 46.66 | 54.77 | 51.30 | W | 45.60 | 50.16 | 49.55 | 43.30 |
| 2018 | 74.44 | 62.51 | 62.75 | 71.41 | 68.23 | 71.65 | 61.25 | 66.55 | 65.61 | 51.41 |
| 2019 | 66.97 | 60.61 | 56.72 | 67.21 | 63.48 | 65.20 | 48.57 | 61.43 | 62.11 | 52.36 |
| 2020 | | | | | | | | | | |
| January | - | 56.90 | 53.70 | W | 49.26 | W | - | 50.36 | 51.96 | 46.61 |
| February | - | W | 47.74 | W | W | W | - | 51.87 | 53.40 | 40.68 |
| March | W | 27.34 | 28.59 | W | W | W | - | 24.18 | 28.56 | 23.61 |
| April | W | 19.88 | 12.25 | W | 21.44 | - | - | 21.44 | 22.92 | 12.23 |
| May | - | W | 22.92 | W | W | W | - | 29.19 | 30.80 | 18.09 |
| June | - | 33.32 | 34.36 | W | W | W | - | 40.59 | 41.17 | 32.84 |
| July | - | W | 37.95 | W | 42.98 | - | - | 40.60 | 41.32 | 36.08 |
| August | - | 40.34 | 40.16 | W | W | - | - | W | 44.02 | 37.20 |
| September | - | 37.36 | 38.42 | W | W | - | - | W | 41.19 | 35.82 |
| October | W | W | 37.12 | W | - | - | - | - | 40.10 | 34.01 |
| November | - | W | 39.55 | - | - | W | - | W | W | 36.36 |
| December | W | W | 45.09 | W | W | - | - | W | 52.06 | 40.99 |
| 2020 | W | 36.03 | 36.00 | W | 35.35 | 43.39 | - | 36.06 | 38.34 | 33.22 |
| 2021 | | | | | | | | | | |
| January | - | W | 50.54 | W | 55.18 | - | - | 54.23 | 55.26 | 45.40 |
| February | - | W | 56.46 | W | 60.73 | W | - | 58.53 | 60.66 | 52.03 |
| March | - | W | 59.46 | W | W | - | - | 62.12 | 63.76 | 56.49 |
| April | - | 62.48 | 59.54 | W | 65.55 | - | - | 63.85 | 64.57 | 56.49 |
| May | W | W | 62.26 | 72.66 | 67.70 | - | - | 66.13 | 68.01 | 60.31 |
| June | W | W | 67.27 | W | 70.06 | W | - | 70.06 | 71.60 | 64.02 |
| July | W | W | 68.52 | W | W | - | - | W | 73.71 | 64.65 |
| August | W | W | 63.71 | W | 73.37 | - | - | 70.48 | 71.50 | 61.62 |
| September | W | W | 66.81 | W | W | - | - | W | 76.73 | 64.89 |
| October | W | W | 74.81 | - | W | W | - | W | R78.24 | R72.86 |
| November | - | W | R75.12 | W | W | - | - | W | R80.75 | R70.07 |
| December | W | W | 67.09 | - | W | - | - | W | W | 62.29 |
| 2021 | 75.02 | 65.33 | 64.37 | 73.83 | 66.94 | W | - | 65.53 | 68.60 | 60.74 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

| Year month | Selected countries | | | | | | | | Persian Gulf[a] | Total OPEC[b] | Non OPEC |
|-------------|--------------------|--------|----------|--------|---------|--------------|----------------|-----------|-----------------|---------------|----------|
| | Angola | Canada | Colombia | Mexico | Nigeria | Saudi Arabia | United Kingdom | Venezuela | | | |
| 1997 | 20.24 | 17.63 | 19.71 | 17.30 | 20.64 | 17.52 | 20.64 | 16.35 | 17.44 | 17.73 | 18.45 |
| 1998 | 13.37 | 11.62 | 13.26 | 11.04 | 14.14 | 11.16 | 13.55 | 10.16 | 11.18 | 11.46 | 12.22 |
| 1999 | 18.37 | 17.54 | 18.09 | 16.12 | 17.63 | 17.48 | 18.26 | 15.58 | 17.37 | 16.94 | 17.51 |
| 2000 | 29.57 | 26.69 | 29.68 | 26.03 | 30.04 | 26.58 | 29.26 | 26.05 | 26.77 | 27.29 | 27.80 |
| 2001 | 25.13 | 20.72 | 25.88 | 19.37 | 26.55 | 20.98 | 25.32 | 19.81 | 20.73 | 21.52 | 22.17 |
| 2002 | 25.43 | 22.98 | 25.28 | 22.09 | 26.45 | 24.77 | 26.35 | 21.93 | 24.13 | 23.83 | 23.97 |
| 2003 | 30.14 | 26.76 | 30.55 | 25.48 | 31.07 | 27.50 | 30.62 | 25.70 | 27.54 | 27.70 | 27.68 |
| 2004 | 39.62 | 34.51 | 39.03 | 32.25 | 40.95 | 37.11 | 39.28 | 33.79 | 36.53 | 36.84 | 35.29 |
| 2005 | 54.31 | 44.73 | 53.42 | 43.47 | 57.55 | 50.31 | 55.28 | 47.87 | 49.68 | 51.36 | 47.31 |
| 2006 | 64.85 | 53.90 | 62.13 | 53.76 | 68.26 | 59.19 | 67.44 | 57.37 | 58.92 | 61.21 | 57.14 |
| 2007 | 71.27 | 60.38 | 70.91 | 62.31 | 78.01 | 70.78 | 72.47 | 66.13 | 69.83 | 71.14 | 63.96 |
| 2008 | 98.18 | 90.00 | 93.43 | 85.97 | 104.83 | 94.75 | 96.95 | 90.76 | 93.59 | 95.49 | 90.59 |
| 2009 | 61.32 | 57.60 | 58.50 | 57.35 | 68.01 | 62.14 | 63.87 | 57.78 | 62.15 | 61.90 | 58.58 |
| 2010 | 80.61 | 72.80 | 74.25 | 72.86 | 83.14 | 79.29 | 80.29 | 72.43 | 78.60 | 78.28 | 74.68 |
| 2011 | 114.05 | 89.92 | 102.57 | 101.21 | 116.43 | 108.83 | 118.45 | 100.14 | 108.01 | 107.84 | 98.64 |
| 2012 | 114.95 | 84.24 | 107.07 | 102.45 | 116.88 | 108.15 | W | 101.58 | 107.74 | 107.56 | 95.05 |
| 2013 | 110.81 | 84.41 | 103.00 | 99.06 | 112.87 | 102.60 | 111.23 | 99.34 | 102.53 | 102.98 | 91.99 |
| 2014 | 99.25 | 81.30 | 88.29 | 87.48 | 102.16 | 94.91 | W | 86.88 | 95.30 | 93.10 | 84.67 |
| 2015 | 51.73 | 41.99 | 49.53 | 45.51 | 54.70 | 49.78 | W | 42.87 | 49.43 | 47.44 | 44.09 |
| 2016 | 44.65 | 36.27 | 38.86 | 36.64 | 48.11 | 42.14 | W | 35.50 | 41.20 | 40.54 | 37.09 |
| 2017 | 54.17 | 44.93 | 50.60 | 47.73 | 56.48 | 52.56 | 56.11 | 47.02 | 51.42 | 51.26 | 46.67 |
| 2018 | 73.42 | 48.34 | 66.75 | 63.48 | 71.93 | 69.40 | 73.28 | 62.46 | 67.55 | 67.22 | 54.27 |
| 2019 | 68.58 | 51.10 | 62.83 | 57.96 | 68.78 | 64.86 | 66.65 | 52.36 | 63.27 | 63.41 | 54.65 |
| 2020 | | | | | | | | | | | |
| January | W | 45.70 | 62.93 | 55.93 | W | 53.68 | W | - | 55.30 | 56.42 | 50.32 |
| February | - | 39.83 | 54.16 | 49.66 | 54.23 | 55.20 | W | - | 54.48 | 54.45 | 43.29 |
| March | W | 23.51 | 34.75 | 29.42 | W | 24.34 | W | - | 27.39 | 28.49 | 26.76 |
| April | 30.93 | 13.35 | 23.24 | 13.73 | W | 22.98 | W | - | 23.42 | 23.99 | 15.55 |
| May | W | 17.45 | 28.61 | 24.35 | W | 28.84 | W | - | 29.99 | 30.70 | 20.75 |
| June | - | 34.85 | 33.13 | 35.04 | W | 40.23 | W | - | 41.20 | 41.61 | 35.20 |
| July | - | 37.69 | 37.64 | 38.72 | W | 43.64 | 45.81 | - | 42.95 | 43.61 | 38.42 |
| August | - | 38.89 | 41.71 | 40.88 | W | 43.83 | - | - | 42.75 | 43.04 | 39.86 |
| September | W | 35.66 | 38.27 | 39.01 | W | 43.13 | W | - | 41.83 | 42.13 | 37.66 |
| October | W | 35.63 | 38.29 | 37.53 | W | 44.98 | W | - | 43.49 | 42.11 | 36.68 |
| November | W | 36.98 | 43.35 | 40.06 | W | W | 48.92 | - | 43.86 | 45.41 | 38.87 |
| December | W | 41.59 | 46.62 | 45.76 | 53.81 | 54.19 | 51.22 | - | 51.59 | 52.89 | 43.75 |
| 2020 | 41.03 | 33.81 | 41.04 | 37.18 | 46.24 | 35.84 | 44.51 | - | 37.98 | 39.28 | 35.95 |
| 2021 | | | | | | | | | | | |
| January | W | 46.06 | W | 51.32 | W | 58.83 | - | - | 57.43 | 58.18 | 48.21 |
| February | - | 51.58 | 60.79 | 57.08 | W | 62.72 | 66.55 | - | 60.95 | 62.41 | 54.46 |
| March | W | 56.03 | W | 60.74 | W | 65.49 | W | - | 64.56 | 65.26 | 58.25 |
| April | - | 57.36 | 64.38 | 60.30 | 68.45 | 69.04 | W | - | 66.60 | 67.17 | 59.60 |
| May | 70.56 | 60.48 | 66.44 | 63.05 | 72.44 | 70.61 | W | - | 69.15 | 70.09 | 62.58 |
| June | W | 64.53 | 69.84 | 68.09 | W | 70.17 | 74.58 | - | 70.85 | 72.24 | 66.68 |
| July | W | 65.10 | 71.74 | 69.12 | 67.47 | 71.81 | 76.48 | - | 72.05 | 72.12 | 67.55 |
| August | W | 62.22 | 67.43 | 64.40 | W | 75.14 | W | - | 72.86 | 73.48 | 64.44 |
| September | W | 64.91 | 71.23 | 67.62 | W | 75.58 | W | - | 74.11 | 75.04 | 67.51 |
| October | W | R72.79 | 80.14 | 75.96 | - | R76.63 | 84.79 | - | R76.91 | R77.70 | R75.24 |
| November | - | R71.47 | R75.86 | R76.01 | W | 76.07 | - | - | 77.05 | R79.20 | R73.71 |
| December | W | 62.42 | 74.75 | 67.90 | - | 74.01 | W | - | 71.32 | 72.13 | 64.93 |
| 2021 | 74.39 | 61.18 | 69.07 | 65.46 | 73.90 | 70.81 | 74.48 | - | 70.03 | 70.78 | 63.71 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity
dollars per barrel

| Year month | 20.0 or less | 20.1 to 25.0 | 25.1 to 30.0 | 30.1 to 35.0 | 35.1 to 40.0 | 40.1 to 45.0 | 45.1 or greater |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| 1997 | 13.12 | 14.94 | 17.49 | 17.61 | 19.37 | 19.88 | 19.77 |
| 1998 | 7.00 | 8.95 | 10.77 | 11.73 | 12.91 | 13.12 | 12.92 |
| 1999 | 12.13 | 14.49 | 17.07 | 17.33 | 18.03 | 18.81 | 17.00 |
| 2000 | 21.81 | 23.75 | 26.49 | 27.09 | 28.77 | 29.55 | 29.89 |
| 2001 | 16.17 | 17.23 | 21.84 | 21.60 | 23.84 | 24.80 | 25.72 |
| 2002 | 18.78 | 20.51 | 23.48 | 24.20 | 24.92 | 25.20 | 25.16 |
| 2003 | 21.88 | 24.09 | 25.65 | 27.49 | 28.67 | 29.35 | 28.64 |
| 2004 | 28.95 | 30.53 | 33.65 | 35.57 | 38.51 | 39.90 | 39.26 |
| 2005 | 40.54 | 41.52 | 49.26 | 50.82 | 54.65 | 56.47 | 52.83 |
| 2006 | 50.19 | 51.62 | 58.25 | 60.27 | 64.36 | 66.43 | 64.85 |
| 2007 | 56.69 | 60.14 | 69.31 | 71.44 | 73.46 | 74.27 | 70.10 |
| 2008 | 81.25 | 83.07 | 96.68 | 94.56 | 98.17 | 102.32 | 100.20 |
| 2009 | 54.76 | 54.36 | 56.30 | 59.78 | 63.63 | 62.10 | 63.32 |
| 2010 | 69.51 | 69.72 | 76.73 | 77.48 | 79.45 | 79.43 | 81.04 |
| 2011 | 94.66 | 94.15 | 103.09 | 107.24 | 111.37 | 114.28 | 112.74 |
| 2012 | 96.07 | 94.35 | 104.28 | 103.99 | 106.59 | 110.99 | 119.48 |
| 2013 | 93.91 | 91.27 | 100.20 | 101.44 | 104.26 | 108.78 | 103.41 |
| 2014 | 82.40 | 80.16 | 92.53 | 93.77 | 94.26 | 99.49 | W |
| 2015 | 40.07 | 38.33 | 47.33 | 47.85 | 49.98 | 54.59 | W |
| 2016 | 34.05 | 32.66 | 38.81 | 40.61 | 42.86 | 48.63 | 46.94 |
| 2017 | 43.78 | 41.82 | 48.78 | 51.08 | 50.31 | 54.70 | 54.12 |
| 2018 | 56.23 | 49.53 | 62.26 | 64.43 | 58.85 | 70.85 | W |
| 2019 | 52.06 | 50.37 | 56.25 | 60.66 | 56.02 | 64.95 | 66.00 |
| 2020 | | | | | | | |
| January | 44.99 | 44.23 | 51.00 | 56.11 | 45.58 | W | W |
| February | 39.82 | 38.29 | 45.17 | 52.21 | 38.00 | - | W |
| March | 21.99 | 21.67 | 30.18 | 30.46 | 28.58 | - | W |
| April | 11.33 | 9.06 | 16.66 | 20.14 | 19.93 | W | W |
| May | 17.20 | 17.83 | 21.40 | 19.57 | 24.28 | W | W |
| June | 29.90 | 31.92 | 35.24 | 37.37 | 35.07 | W | W |
| July | 32.43 | 35.65 | 34.95 | 39.54 | 40.81 | W | - |
| August | 34.78 | 36.71 | 35.24 | 41.32 | 39.88 | - | W |
| September | 30.98 | 34.16 | 32.19 | 39.60 | 39.25 | W | - |
| October | 31.30 | 33.30 | 34.56 | 38.04 | 37.65 | W | W |
| November | 32.37 | 34.98 | 32.44 | 40.31 | 39.20 | W | W |
| December | 37.68 | 39.34 | 41.98 | 45.65 | 47.06 | - | W |
| 2020 | 29.67 | 31.85 | 35.78 | 38.34 | 35.58 | 45.09 | W |
| 2021 | | | | | | | |
| January | 40.45 | 43.73 | 46.81 | 52.06 | 51.31 | - | W |
| February | 50.99 | 49.44 | 57.70 | 57.01 | 60.65 | W | W |
| March | 55.12 | 54.23 | 58.50 | 61.74 | 62.93 | W | W |
| April | 53.63 | 54.26 | 55.33 | 63.65 | 64.12 | W | W |
| May | 56.50 | 57.79 | 64.10 | 66.69 | 67.65 | - | W |
| June | 60.16 | 61.76 | 68.25 | 69.25 | 71.52 | - | W |
| July | 60.15 | 62.68 | 69.55 | 69.70 | 73.07 | W | W |
| August | 56.55 | 59.12 | 59.91 | 68.88 | 71.42 | W | W |
| September | 60.38 | 62.20 | 69.09 | 72.92 | 74.70 | - | W |
| October | 67.79 | R69.44 | 73.47 | R78.29 | 81.43 | W | W |
| November | R67.37 | R68.18 | R68.04 | R75.46 | R81.07 | W | W |
| December | 59.50 | 59.82 | 63.19 | 69.92 | 73.04 | - | - |
| 2021 | 58.63 | 57.95 | 61.63 | 66.88 | 69.28 | 73.13 | 71.70 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 24. Landed costs of imported crude oil by API gravity
dollars per barrel

| Year month | 20.0 or less | 20.1 to 25.0 | 25.1 to 30.0 | 30.1 to 35.0 | 35.1 to 40.0 | 40.1 to 45.0 | 45.1 or greater |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| 1997 | 14.42 | 15.79 | 18.57 | 18.42 | 20.34 | 21.09 | 20.85 |
| 1998 | 8.19 | 9.73 | 11.81 | 12.31 | 13.73 | 14.40 | 14.38 |
| 1999 | 13.40 | 15.30 | 17.33 | 17.81 | 18.18 | 19.22 | 18.48 |
| 2000 | 23.49 | 24.71 | 27.60 | 27.91 | 29.99 | 30.37 | 31.10 |
| 2001 | 17.66 | 18.14 | 23.29 | 22.21 | 24.86 | 26.59 | 26.49 |
| 2002 | 20.59 | 21.33 | 24.40 | 24.91 | 25.73 | 26.49 | 25.96 |
| 2003 | 23.87 | 25.15 | 27.78 | 28.78 | 29.95 | 30.73 | 30.90 |
| 2004 | 30.96 | 31.92 | 35.99 | 37.94 | 39.82 | 41.25 | 41.59 |
| 2005 | 42.20 | 42.24 | 49.94 | 52.18 | 54.95 | 58.38 | 56.43 |
| 2006 | 51.84 | 52.62 | 59.38 | 61.88 | 64.80 | 68.44 | 66.78 |
| 2007 | 59.01 | 60.64 | 68.95 | 72.03 | 73.17 | 75.68 | 73.57 |
| 2008 | 85.39 | 84.76 | 97.30 | 96.83 | 99.90 | 103.68 | 99.23 |
| 2009 | 56.38 | 55.68 | 61.28 | 62.43 | 64.80 | 64.82 | 63.90 |
| 2010 | 71.54 | 71.07 | 78.35 | 79.64 | 81.25 | 81.09 | 82.17 |
| 2011 | 96.89 | 93.32 | 106.06 | 108.76 | 110.93 | 115.40 | 113.24 |
| 2012 | 97.49 | 91.32 | 105.92 | 107.23 | 107.27 | 112.70 | 115.67 |
| 2013 | 95.87 | 88.35 | 101.63 | 102.97 | 104.39 | 110.66 | 105.88 |
| 2014 | 85.31 | 81.44 | 93.64 | 95.20 | 94.50 | 100.17 | 100.25 |
| 2015 | 43.20 | 41.14 | 49.58 | 50.16 | 50.78 | 54.54 | 51.70 |
| 2016 | 35.85 | 34.78 | 41.73 | 42.14 | 44.49 | 48.15 | 48.93 |
| 2017 | 46.51 | 44.75 | 51.46 | 53.12 | 52.48 | 55.74 | 55.70 |
| 2018 | 58.99 | 51.34 | 64.57 | 66.93 | 62.82 | 71.71 | 71.47 |
| 2019 | 55.35 | 52.45 | 59.50 | 62.18 | 58.78 | 64.00 | 66.06 |
| 2020 | | | | | | | |
| January | 50.96 | 46.84 | 57.89 | 57.39 | 54.81 | 62.71 | W |
| February | 42.58 | 40.73 | 47.63 | 52.71 | 46.42 | W | W |
| March | 26.39 | 24.85 | 32.47 | 28.46 | 32.59 | W | 23.27 |
| April | 15.15 | 12.60 | 19.57 | 22.31 | 25.59 | 32.04 | W |
| May | 20.48 | 19.51 | 25.61 | 25.50 | 27.96 | 36.78 | W |
| June | 34.35 | 34.47 | 36.92 | 38.67 | 37.81 | 47.86 | W |
| July | 36.88 | 37.80 | 37.46 | 41.25 | 43.68 | 50.24 | W |
| August | 38.35 | 38.96 | 39.06 | 42.93 | 43.30 | 46.80 | 40.87 |
| September | 35.04 | 36.17 | 37.70 | 41.04 | 42.18 | 47.59 | W |
| October | 36.15 | 35.53 | 38.15 | 40.10 | 40.01 | 44.92 | W |
| November | 37.28 | 37.19 | 40.46 | 42.65 | 44.29 | 54.70 | W |
| December | 43.11 | 41.87 | 44.76 | 48.55 | 50.57 | 55.87 | W |
| 2020 | 34.60 | 34.13 | 38.84 | 39.12 | 40.34 | 47.97 | 44.32 |
| 2021 | | | | | | | |
| January | 47.47 | 46.42 | 48.45 | 54.37 | 53.76 | 51.47 | 65.17 |
| February | 54.16 | 51.83 | 57.88 | 59.85 | 60.94 | W | 64.88 |
| March | 58.70 | 55.94 | 61.25 | 63.39 | 63.25 | W | 66.11 |
| April | 58.35 | 57.05 | 60.61 | 66.10 | 66.76 | 66.64 | W |
| May | 62.14 | 59.92 | 64.36 | 68.72 | 69.43 | 69.52 | 73.56 |
| June | 65.84 | 64.34 | 69.78 | 70.99 | 71.69 | 72.29 | W |
| July | 65.55 | 65.34 | 68.34 | 71.93 | 72.65 | 74.07 | W |
| August | 62.35 | 61.47 | 66.08 | 71.89 | 71.02 | 71.26 | W |
| September | 65.39 | 64.96 | 70.35 | 73.90 | 73.54 | 72.74 | W |
| October | R72.68 | R72.29 | R77.69 | R79.65 | 79.37 | R79.52 | R81.93 |
| November | R72.16 | R71.49 | R74.29 | R79.14 | R81.49 | R82.03 | R80.09 |
| December | 65.83 | 61.80 | 69.51 | 71.96 | 69.64 | W | - |
| 2021 | 63.56 | 60.89 | 65.81 | 69.63 | 69.57 | 72.74 | 71.93 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 25. Percentages of total imported crude oil by API gravity
percent by interval

| Year month | 20.0 or less | 20.1 to 25.0 | 25.1 to 30.0 | 30.1 to 35.0 | 35.1 to 40.0 | 40.1 to 45.0 | 45.1 or greater |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| 1997 | 6.05 | 21.88 | 13.33 | 34.43 | 21.28 | 1.77 | 1.27 |
| 1998 | 5.84 | 20.29 | 13.99 | 35.62 | 20.81 | 1.88 | 1.57 |
| 1999 | 4.76 | 17.78 | 14.18 | 36.54 | 21.46 | 3.72 | 1.57 |
| 2000 | 6.21 | 18.88 | 13.41 | 36.90 | 19.83 | 3.44 | 1.35 |
| 2001 | 7.97 | 20.78 | 11.60 | 36.10 | 19.63 | 2.71 | 1.21 |
| 2002 | 8.28 | 22.29 | 11.44 | 35.28 | 18.29 | 2.67 | 1.75 |
| 2003 | 8.29 | 24.25 | 9.97 | 35.60 | 17.19 | 2.70 | 1.99 |
| 2004 | 11.13 | 23.70 | 8.18 | 34.57 | 17.68 | 2.10 | 2.64 |
| 2005 | 11.94 | 22.83 | 10.20 | 31.87 | 16.92 | 3.68 | 2.55 |
| 2006 | 13.04 | 23.28 | 11.18 | 28.22 | 15.73 | 5.82 | 2.74 |
| 2007 | 11.72 | 23.12 | 11.18 | 28.86 | 16.71 | 5.57 | 2.84 |
| 2008 | 13.22 | 23.50 | 11.51 | 30.42 | 14.64 | 4.24 | 2.47 |
| 2009 | 14.08 | 26.11 | 7.78 | 29.74 | 13.76 | 5.65 | 2.88 |
| 2010 | 15.13 | 26.01 | 5.35 | 30.73 | 14.35 | 5.57 | 2.86 |
| 2011 | 17.20 | 27.47 | 6.02 | 30.64 | 13.42 | 3.58 | 1.68 |
| 2012 | 16.66 | 29.77 | 8.41 | 28.31 | 12.84 | 3.36 | 0.65 |
| 2013 | 16.20 | 33.87 | 8.74 | 29.98 | 9.67 | 1.28 | 0.27 |
| 2014 | 18.49 | 36.73 | 9.78 | 26.96 | 7.19 | 0.75 | 0.11 |
| 2015 | 19.51 | 38.05 | 8.63 | 26.17 | 7.15 | 0.43 | 0.06 |
| 2016 | 16.70 | 38.88 | 8.43 | 24.92 | 8.42 | 1.43 | 1.22 |
| 2017 | 17.58 | 39.99 | 9.88 | 21.31 | 7.37 | 1.93 | 1.95 |
| 2018 | 16.36 | 41.28 | 9.99 | 22.06 | 6.34 | 2.49 | 1.49 |
| 2019 | 12.42 | 43.34 | 11.30 | 20.05 | 9.16 | 2.16 | 1.58 |
| 2020 | | | | | | | |
| January | 11.06 | 51.03 | 9.75 | 20.95 | 4.59 | W | W |
| February | 11.81 | 49.41 | 9.85 | 21.62 | 4.36 | W | W |
| March | 12.83 | 46.85 | 9.76 | 25.25 | 4.01 | W | W |
| April | 13.70 | 41.56 | 6.88 | 30.36 | 5.43 | W | W |
| May | 10.82 | 45.64 | 9.13 | 23.45 | 8.49 | W | W |
| June | 11.41 | 46.63 | 10.74 | 23.26 | 5.22 | W | W |
| July | 12.03 | 50.00 | 9.26 | 19.89 | 5.70 | W | W |
| August | 18.61 | 43.18 | 7.40 | 23.85 | 4.45 | 1.81 | 0.70 |
| September | 15.17 | 42.32 | 7.11 | 21.59 | 8.37 | W | W |
| October | 12.56 | 53.37 | 9.27 | 14.05 | 7.33 | W | W |
| November | 11.54 | 53.27 | 7.43 | 20.29 | 4.76 | W | W |
| December | 12.57 | 45.31 | 10.30 | 21.56 | 7.37 | W | W |
| 2020 | 12.82 | 47.40 | 8.92 | 22.32 | 5.75 | 1.38 | 1.41 |
| 2021 | | | | | | | |
| January | 8.16 | 49.99 | 8.83 | 24.63 | 6.41 | 0.75 | 1.23 |
| February | 11.56 | 48.27 | 6.04 | 22.55 | 7.58 | W | W |
| March | 11.09 | 49.73 | 6.96 | 21.14 | 7.87 | W | W |
| April | 11.57 | 46.32 | 6.59 | 21.58 | 11.26 | W | W |
| May | 7.54 | 47.07 | 7.43 | 22.84 | 12.79 | 1.00 | 1.32 |
| June | 9.65 | 45.50 | 5.80 | 25.58 | 10.84 | W | W |
| July | 11.15 | 45.65 | 5.70 | 26.91 | 8.02 | W | W |
| August | 11.06 | 42.24 | 9.58 | 25.72 | 8.66 | W | W |
| September | 15.14 | 40.91 | 7.91 | 26.33 | 8.34 | W | W |
| October | R14.61 | R39.02 | R8.58 | R28.68 | R6.45 | R0.91 | R1.74 |
| November | R14.41 | R47.76 | R7.13 | R19.07 | R6.49 | R2.96 | R2.17 |
| December | 11.19 | 51.68 | 10.38 | 20.06 | W | W | - |
| 2021 | 11.44 | 46.03 | 7.60 | 23.88 | 8.45 | 1.19 | 1.43 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams
dollars per barrel

| Year quarter month | Canadian Lloydminster | Iraqi Basrah Light | Mexican Mayan | Nigerian Qua Iboe | Venezuelan Merey |
|----------------------------|-----------------------|--------------------|---------------|-------------------|------------------|
| 2005 | 35.13 | - | 40.69 | - | - |
| 2006 | 44.55 | - | 51.29 | - | - |
| 2007 | 48.54 | - | 59.96 | - | - |
| 2008 | 79.33 | - | 82.99 | - | - |
| 2009 | 50.11 | 62.98 | 55.07 | 65.60 | 59.89 |
| 2010 | 64.41 | 74.36 | 70.36 | 82.66 | 70.26 |
| 2011 | 78.41 | 104.51 | 98.27 | 115.82 | 98.73 |
| 2012 | 77.01 | 103.17 | 99.81 | 115.85 | 102.04 |
| 2013 | 75.61 | 99.28 | 96.87 | W | 99.26 |
| 2014 | 75.42 | 92.96 | 85.83 | W | 89.86 |
| 2015 | W | 47.59 | 43.49 | W | 43.82 |
| 2016 | - | 36.73 | 36.39 | W | 37.72 |
| 2017 | W | 49.10 | 46.82 | W | 45.62 |
| 2018 | - | 63.19 | 63.02 | - | W |
| 2019 | W | 59.43 | 57.35 | - | - |
| 2020 | | | | | |
| January | - | - | 54.19 | - | - |
| February | - | W | 47.96 | - | - |
| March | - | W | 28.09 | - | - |
| 1st quarter average | - | W | 42.77 | - | - |
| April | - | - | 13.62 | - | - |
| May | - | W | 24.27 | W | - |
| June | - | W | 35.08 | - | - |
| 2nd quarter average | - | W | 25.16 | W | - |
| July | - | W | 38.11 | W | - |
| August | - | W | 40.29 | - | - |
| September | - | W | 38.51 | - | - |
| 3rd quarter average | - | W | 39.08 | W | - |
| October | - | - | 37.13 | - | - |
| November | W | W | 39.29 | - | - |
| December | W | W | 45.56 | - | - |
| 4th quarter average | W | W | 40.64 | - | - |
| 2020 | W | W | 36.74 | W | - |
| 2021 | | | | | |
| January | - | W | 50.26 | - | - |
| February | - | W | 57.07 | W | - |
| March | - | W | 59.55 | - | - |
| 1st quarter average | - | W | 55.42 | W | - |
| April | W | W | 59.00 | - | - |
| May | - | 64.63 | 62.11 | W | - |
| June | - | W | 66.72 | W | - |
| 2nd quarter average | W | 65.41 | 62.85 | W | - |
| July | - | W | 68.25 | W | - |
| August | - | W | 63.31 | - | - |
| September | - | - | 66.55 | W | - |
| 3rd quarter average | - | W | 66.14 | W | - |
| October | - | W | 75.19 | - | - |
| November | - | W | R74.93 | - | - |
| December | - | W | 66.88 | - | - |
| 4th quarter average | - | W | 72.26 | - | - |
| 2021 | W | 64.79 | 63.94 | W | - |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Table 27. Landed costs of imported crude oil for selected crude streams
dollars per barrel

| Year quarter month | Algerian Saharan Blend | Brazilian Marlim | Canadian Bow River Heavy | Canadian Light Sour Blend | Canadian Lloydminster |
|----------------------------|------------------------|------------------|--------------------------|---------------------------|-----------------------|
| 2005 | - | - | 39.22 | - | 37.59 |
| 2006 | - | - | 48.38 | - | 46.96 |
| 2007 | - | - | 52.36 | - | 50.94 |
| 2008 | - | - | 84.29 | - | 82.50 |
| 2009 | 65.95 | 58.94 | 55.71 | 59.12 | 53.44 |
| 2010 | 81.78 | 76.63 | 68.92 | 76.56 | 68.13 |
| 2011 | 115.82 | 107.13 | 82.02 | 96.52 | 82.24 |
| 2012 | 114.02 | 114.32 | 77.19 | 87.82 | 81.33 |
| 2013 | 113.45 | 108.43 | 76.88 | 90.59 | 79.34 |
| 2014 | - | 93.08 | 76.90 | 85.10 | 81.87 |
| 2015 | W | 47.77 | 38.90 | 47.18 | 38.51 |
| 2016 | 49.82 | W | 33.43 | 40.04 | W |
| 2017 | 54.96 | 50.40 | 43.02 | 50.08 | 42.28 |
| 2018 | 72.51 | W | 42.83 | 57.93 | W |
| 2019 | 67.75 | - | 47.62 | 54.05 | 52.58 |
| 2020 | | | | | |
| January | - | - | 39.65 | 51.92 | - |
| February | - | - | 30.63 | 43.35 | - |
| March | - | - | 16.76 | 23.54 | - |
| 1st quarter average | - | - | 29.70 | 37.59 | - |
| April | - | - | 9.34 | 14.23 | - |
| May | - | - | 12.37 | 15.09 | - |
| June | - | - | W | 37.81 | - |
| 2nd quarter average | - | - | 19.60 | 23.72 | - |
| July | - | - | W | 39.34 | - |
| August | - | - | 37.44 | 40.63 | - |
| September | - | - | 31.18 | 37.70 | - |
| 3rd quarter average | - | - | 34.69 | 39.41 | - |
| October | W | - | W | 37.05 | - |
| November | W | - | 33.92 | 39.97 | W |
| December | W | - | 40.18 | 44.89 | W |
| 4th quarter average | W | - | 35.59 | 40.78 | W |
| 2020 | W | - | 30.27 | 35.88 | W |
| 2021 | | | | | |
| January | W | - | W | 49.30 | W |
| February | W | - | W | 56.92 | - |
| March | W | - | 53.42 | 60.14 | W |
| 1st quarter average | W | - | 47.61 | 53.47 | W |
| April | W | - | 52.71 | 62.94 | W |
| May | W | - | 55.55 | 64.81 | W |
| June | - | - | 58.68 | 69.26 | W |
| 2nd quarter average | W | - | 55.59 | 65.80 | W |
| July | - | - | 60.91 | 71.10 | W |
| August | - | - | 56.61 | 66.78 | W |
| September | - | - | 59.10 | 70.59 | W |
| 3rd quarter average | - | - | 59.12 | 69.82 | W |
| October | W | - | 71.36 | 74.43 | - |
| November | - | - | 67.54 | R78.41 | W |
| December | - | - | 55.56 | 69.30 | W |
| 4th quarter average | W | - | 63.42 | 74.69 | W |
| 2021 | W | - | 56.87 | 64.77 | W |

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

| Year quarter month | Ecuadorian Oriente | Ecuadorian Napo | Iraqi Basrah Light | Mexican Mayan | Nigerian Bonny Light |
|----------------------------|--------------------|-----------------|--------------------|---------------|----------------------|
| 2005 | 46.42 | - | - | 41.54 | 57.12 |
| 2006 | 56.75 | - | - | 52.04 | 69.29 |
| 2007 | 64.57 | - | - | 60.93 | 77.90 |
| 2008 | 87.25 | - | - | 84.29 | 108.46 |
| 2009 | 56.97 | 48.74 | 64.38 | 56.03 | 68.30 |
| 2010 | 75.48 | 72.97 | 77.96 | 70.87 | 84.10 |
| 2011 | 101.74 | 97.91 | 106.67 | 98.81 | 116.95 |
| 2012 | 105.50 | 101.53 | 106.93 | 100.29 | 117.70 |
| 2013 | 104.14 | 100.01 | 102.70 | 97.43 | W |
| 2014 | 91.65 | 93.11 | 96.95 | 86.49 | W |
| 2015 | 49.65 | 41.84 | 49.50 | 44.08 | 59.92 |
| 2016 | 40.68 | 37.46 | 39.90 | 36.79 | W |
| 2017 | 51.93 | 49.18 | 50.73 | 47.87 | W |
| 2018 | 67.94 | 65.09 | 65.43 | 63.62 | - |
| 2019 | 62.80 | 58.80 | 61.37 | 58.45 | W |
| 2020 | | | | | |
| January | 65.83 | 60.97 | 59.30 | 55.97 | - |
| February | 58.02 | 51.90 | 53.81 | 49.49 | - |
| March | 40.38 | 30.08 | 38.05 | 28.62 | - |
| 1st quarter average | 53.79 | 45.07 | 49.12 | 44.35 | - |
| April | W | 18.35 | W | 13.84 | - |
| May | W | W | 34.88 | 25.43 | - |
| June | W | - | W | 35.68 | - |
| 2nd quarter average | W | 20.25 | 40.99 | 25.71 | - |
| July | 41.62 | - | 42.97 | 38.79 | - |
| August | 44.31 | W | 42.30 | 40.97 | - |
| September | 42.45 | W | 40.32 | 39.12 | - |
| 3rd quarter average | 42.88 | 41.16 | 42.10 | 39.72 | - |
| October | 40.76 | W | W | 37.49 | - |
| November | 42.83 | W | 41.13 | 39.70 | - |
| December | 48.98 | W | 47.25 | 46.12 | - |
| 4th quarter average | 44.55 | 43.52 | 43.01 | 41.08 | - |
| 2020 | 44.49 | 40.60 | 45.41 | 37.54 | - |
| 2021 | | | | | |
| January | 58.25 | 53.23 | W | 50.99 | - |
| February | W | W | W | 57.52 | - |
| March | 64.45 | 64.06 | 63.36 | 60.68 | - |
| 1st quarter average | 61.83 | 58.91 | 59.68 | 56.04 | - |
| April | 66.21 | 62.72 | W | 59.56 | - |
| May | W | W | 67.04 | 62.74 | W |
| June | 72.99 | W | W | 67.35 | - |
| 2nd quarter average | 68.65 | 66.23 | 68.88 | 63.45 | W |
| July | W | W | W | 68.78 | - |
| August | 71.37 | W | W | 63.75 | - |
| September | 74.09 | 70.49 | W | 67.17 | - |
| 3rd quarter average | 72.81 | 70.60 | W | 66.66 | - |
| October | 80.39 | W | 78.01 | 75.79 | - |
| November | R79.59 | W | 76.28 | R75.66 | - |
| December | 74.89 | W | 70.63 | 67.56 | - |
| 4th quarter average | 78.09 | W | 75.12 | 73.12 | - |
| 2021 | 70.40 | 66.66 | 69.28 | 64.70 | W |

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)
dollars per barrel

| Year quarter month | Nigerian Qua Iboe | Saudi Arabian Light | Saudi Arabian Medium | Saudi Arabian Berri | Venezuelan Merey |
|----------------------------|-------------------|---------------------|----------------------|---------------------|------------------|
| 2005 | - | 52.92 | 48.92 | - | - |
| 2006 | - | 60.51 | 58.10 | - | - |
| 2007 | - | 71.62 | 70.09 | - | - |
| 2008 | - | 94.38 | 91.46 | - | - |
| 2009 | 68.26 | 63.10 | 61.87 | 59.72 | 60.15 |
| 2010 | 84.44 | 79.65 | 78.13 | 81.14 | 71.59 |
| 2011 | 117.02 | 109.43 | 107.12 | 110.77 | 100.36 |
| 2012 | 116.48 | 108.93 | 106.83 | 110.03 | 103.28 |
| 2013 | 112.47 | 103.44 | 101.44 | 107.00 | 100.69 |
| 2014 | W | 96.83 | 94.47 | 96.68 | 91.73 |
| 2015 | W | 50.00 | 48.66 | 52.83 | 45.77 |
| 2016 | W | 41.25 | 41.62 | 45.62 | 38.97 |
| 2017 | W | 53.27 | 51.60 | 52.68 | 47.38 |
| 2018 | W | 69.40 | 68.78 | 71.81 | 63.24 |
| 2019 | W | 65.28 | 64.40 | 66.19 | W |
| 2020 | | | | | |
| January | - | 51.55 | W | W | - |
| February | - | 55.70 | W | W | - |
| March | - | 24.85 | 22.09 | W | - |
| 1st quarter average | - | 40.69 | 27.52 | W | - |
| April | - | 22.79 | 20.55 | W | - |
| May | W | 31.84 | 28.07 | W | - |
| June | - | W | 42.13 | - | - |
| 2nd quarter average | W | 27.85 | 27.92 | W | - |
| July | W | W | 42.47 | W | - |
| August | - | W | W | W | - |
| September | - | 43.42 | 42.55 | - | - |
| 3rd quarter average | W | 43.56 | 42.42 | W | - |
| October | - | W | W | - | - |
| November | W | W | W | W | - |
| December | - | 54.70 | W | W | - |
| 4th quarter average | W | 48.49 | W | W | - |
| 2020 | W | 37.61 | 31.86 | 45.94 | - |
| 2021 | | | | | |
| January | - | 60.26 | 56.50 | W | - |
| February | W | 63.08 | W | W | - |
| March | - | W | W | W | - |
| 1st quarter average | W | 63.08 | 58.15 | W | - |
| April | - | 69.61 | W | - | - |
| May | W | 71.80 | W | W | - |
| June | W | 69.95 | W | - | - |
| 2nd quarter average | W | 70.51 | W | W | - |
| July | W | 71.81 | - | - | - |
| August | - | 75.85 | W | W | - |
| September | W | 75.53 | W | W | - |
| 3rd quarter average | W | 74.72 | W | W | - |
| October | - | R76.99 | W | - | - |
| November | - | 76.37 | - | W | - |
| December | - | 73.93 | - | W | - |
| 4th quarter average | - | 76.34 | W | W | - |
| 2021 | W | 71.69 | 66.22 | 69.02 | - |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

| Geographic area month | Regular | | | | Midgrade | | | | Premium | | | | All grades | | | |
|-----------------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|--------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|
| | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | |
| | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Sales for resale | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] |
| United States | | | | | | | | | | | | | | | | |
| December 2021 | 3.165 | 2.414 | 2.256 | 3.581 | 2.511 | 2.448 | 3.762 | 2.672 | 2.639 | 3.312 | 2.434 | 2.304 | | | | |
| November 2021 | 3.201 | 2.513 | 2.435 | 3.608 | NA | 2.641 | 3.789 | 2.867 | 2.822 | 3.346 | 2.540 | 2.484 | | | | |
| December 2020 | 1.728 | 1.460 | 1.350 | 2.117 | NA | 1.542 | 2.375 | 1.952 | 1.677 | 1.831 | 1.490 | 1.394 | | | | |
| PAD District 1 | | | | | | | | | | | | | | | | |
| December 2021 | W | NA | 2.221 | W | W | 2.417 | W | W | 2.563 | W | 2.279 | 2.263 | | | | |
| November 2021 | W | 2.412 | 2.401 | W | W | 2.603 | W | W | 2.744 | W | 2.430 | 2.444 | | | | |
| December 2020 | 1.611 | 1.371 | 1.326 | 1.894 | W | 1.497 | 2.122 | - | 1.625 | 1.699 | 1.370 | 1.366 | | | | |
| Subdistrict 1A | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.294 | - | - | 2.518 | - | - | 2.573 | - | W | 2.333 | | | | |
| November 2021 | - | W | 2.487 | - | - | 2.726 | - | - | 2.773 | - | W | 2.528 | | | | |
| December 2020 | W | W | 1.362 | W | - | 1.521 | W | - | 1.613 | W | W | 1.399 | | | | |
| Connecticut | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.302 | - | - | 2.401 | - | - | 2.594 | - | W | 2.348 | | | | |
| November 2021 | - | W | 2.489 | - | - | 2.610 | - | - | 2.793 | - | W | 2.539 | | | | |
| December 2020 | - | W | 1.362 | - | - | 1.472 | - | - | 1.611 | - | W | 1.404 | | | | |
| Maine | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.353 | - | - | W | - | - | W | - | - | 2.372 | | | | |
| November 2021 | - | - | 2.533 | - | - | W | - | - | 2.788 | - | - | 2.555 | | | | |
| December 2020 | - | - | 1.389 | - | - | W | - | - | W | - | - | 1.409 | | | | |
| Massachusetts | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.263 | - | - | 2.326 | - | - | 2.511 | - | - | 2.299 | | | | |
| November 2021 | - | - | 2.467 | - | - | 2.567 | - | - | 2.714 | - | - | 2.504 | | | | |
| December 2020 | W | - | 1.339 | W | - | 1.352 | W | - | 1.551 | W | - | 1.370 | | | | |
| New Hampshire | | | | | | | | | | | | | | | | |
| December 2021 | - | - | W | - | - | - | - | - | W | - | - | W | | | | |
| November 2021 | - | - | W | - | - | - | - | - | W | - | - | W | | | | |
| December 2020 | W | - | W | W | - | - | W | - | W | W | - | W | | | | |
| Rhode Island | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.310 | - | - | W | - | - | 2.659 | - | - | 2.360 | | | | |
| November 2021 | - | - | 2.502 | - | - | W | - | - | W | - | - | 2.554 | | | | |
| December 2020 | W | - | 1.380 | W | - | W | W | - | W | W | - | 1.436 | | | | |
| Vermont | | | | | | | | | | | | | | | | |
| December 2021 | - | - | W | - | - | - | - | - | 2.554 | - | - | W | | | | |
| November 2021 | - | - | 2.463 | - | - | - | - | - | 2.738 | - | - | W | | | | |
| December 2020 | - | - | W | - | - | - | - | - | 1.585 | - | - | W | | | | |
| Subdistrict 1B | | | | | | | | | | | | | | | | |
| December 2021 | W | - | 2.246 | W | - | 2.453 | W | - | 2.536 | W | - | 2.284 | | | | |
| November 2021 | W | - | 2.437 | W | - | 2.625 | W | - | 2.733 | W | - | 2.476 | | | | |
| December 2020 | 1.682 | - | 1.318 | 1.933 | - | 1.426 | NA | - | 1.541 | 1.769 | - | 1.349 | | | | |
| Delaware | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.264 | - | - | 2.485 | - | - | 2.507 | - | - | 2.292 | | | | |
| November 2021 | - | - | 2.471 | - | - | 2.695 | - | - | 2.726 | - | - | 2.499 | | | | |
| December 2020 | W | - | 1.339 | W | - | 1.522 | W | - | 1.517 | W | - | 1.360 | | | | |
| District of Columbia | | | | | | | | | | | | | | | | |
| December 2021 | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| November 2021 | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| December 2020 | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| Maryland | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.214 | - | - | 2.278 | - | - | 2.397 | - | - | 2.240 | | | | |
| November 2021 | - | - | 2.372 | - | - | 2.458 | - | - | 2.575 | - | - | 2.400 | | | | |
| December 2020 | - | - | 1.309 | - | - | 1.363 | - | - | 1.473 | - | - | 1.333 | | | | |
| New Jersey | | | | | | | | | | | | | | | | |
| December 2021 | W | - | 2.232 | W | - | 2.402 | W | - | 2.497 | W | - | 2.266 | | | | |
| November 2021 | W | - | 2.424 | W | - | 2.581 | W | - | 2.700 | W | - | 2.458 | | | | |
| December 2020 | W | - | 1.303 | W | - | 1.398 | W | - | 1.496 | W | - | 1.330 | | | | |
| New York | | | | | | | | | | | | | | | | |
| December 2021 | W | - | 2.330 | W | - | NA | W | - | 2.663 | W | - | 2.385 | | | | |
| November 2021 | W | - | 2.515 | W | - | 2.848 | W | - | 2.856 | W | - | 2.573 | | | | |
| December 2020 | 1.729 | - | 1.359 | 1.968 | - | 1.565 | NA | - | 1.638 | 1.815 | - | 1.411 | | | | |
| Pennsylvania | | | | | | | | | | | | | | | | |
| December 2021 | W | - | 2.193 | W | - | 2.362 | W | - | 2.480 | W | - | 2.220 | | | | |
| November 2021 | W | - | 2.409 | W | - | 2.570 | W | - | 2.686 | W | - | 2.436 | | | | |
| December 2020 | W | - | 1.304 | W | - | 1.435 | W | - | 1.506 | W | - | 1.324 | | | | |

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | Regular | | | | Midgrade | | | | Premium | | | | All grades | | | |
|-----------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|--------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------------|--------------------|
| | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | |
| | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Sales for resale | Through retail outlets | Other end users[a] | Through retail outlets | Other end users[a] |
| Subdistrict 1C | | | | | | | | | | | | | | | | |
| December 2021 | - | 2.206 | 2.196 | - | W | 2.397 | - | W | 2.581 | - | W | 2.278 | - | W | 2.241 | |
| November 2021 | - | 2.411 | 2.368 | - | W | 2.586 | - | W | 2.748 | - | W | 2.430 | - | W | 2.413 | |
| December 2020 | W | 1.373 | 1.327 | W | W | 1.514 | W | - | 1.681 | W | W | 1.371 | - | W | 1.372 | |
| Florida | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.223 | - | - | 2.433 | - | - | 2.591 | - | W | 2.271 | - | W | 2.271 | |
| November 2021 | - | W | 2.392 | - | - | 2.617 | - | - | 2.746 | - | W | 2.439 | - | W | 2.439 | |
| December 2020 | W | W | 1.352 | W | - | 1.521 | W | - | 1.690 | W | W | 1.399 | - | W | 1.399 | |
| Georgia | | | | | | | | | | | | | | | | |
| December 2021 | - | 2.202 | 2.193 | - | - | 2.402 | - | W | 2.637 | - | W | 2.210 | - | W | 2.246 | |
| November 2021 | - | W | 2.368 | - | - | 2.576 | - | - | 2.803 | - | W | 2.418 | - | W | 2.418 | |
| December 2020 | W | W | 1.318 | W | - | 1.502 | W | - | 1.742 | W | W | 1.371 | - | W | 1.371 | |
| North Carolina | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.165 | - | - | 2.387 | - | - | 2.568 | - | W | 2.208 | - | W | 2.208 | |
| November 2021 | - | W | 2.341 | - | - | 2.599 | - | W | 2.732 | - | W | 2.384 | - | W | 2.384 | |
| December 2020 | W | - | 1.310 | W | - | 1.551 | W | - | 1.667 | W | - | 1.355 | - | W | 1.355 | |
| South Carolina | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.181 | - | W | 2.426 | - | - | 2.603 | - | W | 2.222 | - | W | 2.222 | |
| November 2021 | - | - | 2.341 | - | W | 2.625 | - | - | 2.773 | - | W | 2.380 | - | W | 2.380 | |
| December 2020 | W | - | 1.315 | W | W | 1.521 | W | - | 1.694 | W | W | 1.356 | - | W | 1.356 | |
| Virginia | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.196 | - | - | 2.312 | - | - | 2.495 | - | - | 2.233 | - | - | 2.233 | |
| November 2021 | - | - | 2.373 | - | - | 2.502 | - | - | 2.691 | - | - | 2.412 | - | - | 2.412 | |
| December 2020 | - | - | 1.322 | - | - | 1.439 | - | - | 1.597 | - | - | 1.358 | - | - | 1.358 | |
| West Virginia | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.146 | - | - | 2.394 | - | - | 2.540 | - | - | 2.180 | - | - | 2.180 | |
| November 2021 | - | - | 2.379 | - | - | 2.619 | - | - | 2.812 | - | - | 2.408 | - | - | 2.408 | |
| December 2020 | W | - | 1.268 | W | - | 1.522 | W | - | 1.620 | W | - | 1.290 | - | W | 1.290 | |
| PAD District 2 | | | | | | | | | | | | | | | | |
| December 2021 | W | 2.363 | 2.103 | W | W | 2.200 | W | 2.405 | 2.367 | W | 2.370 | W | 2.126 | - | W | 2.126 |
| November 2021 | W | 2.454 | 2.294 | W | W | 2.391 | W | 2.633 | 2.568 | W | 2.471 | W | 2.318 | - | W | 2.318 |
| December 2020 | W | 1.403 | 1.258 | W | W | 1.395 | W | 1.572 | 1.520 | W | W | 1.415 | - | W | 1.283 | |
| Illinois | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.068 | - | - | 2.246 | - | - | 2.338 | - | W | 2.097 | - | W | 2.097 | |
| November 2021 | - | W | 2.292 | - | - | 2.457 | - | - | 2.586 | - | W | 2.323 | - | W | 2.323 | |
| December 2020 | W | 1.475 | 1.230 | W | - | 1.383 | W | W | 1.498 | W | W | 1.426 | - | W | 1.258 | |
| Indiana | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.069 | - | - | 2.278 | - | - | 2.395 | - | W | 2.093 | - | W | 2.093 | |
| November 2021 | - | W | 2.280 | - | - | 2.473 | - | - | 2.602 | - | W | 2.303 | - | W | 2.303 | |
| December 2020 | W | W | 1.228 | W | - | 1.393 | W | - | 1.539 | W | W | 1.251 | - | W | 1.251 | |
| Iowa | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.098 | - | - | 2.182 | - | - | 2.203 | - | - | 2.109 | - | - | 2.109 | |
| November 2021 | - | - | 2.266 | - | - | 2.353 | - | - | 2.416 | - | - | 2.280 | - | - | 2.280 | |
| December 2020 | - | - | 1.296 | - | - | 1.378 | - | - | 1.448 | - | - | 1.310 | - | - | 1.310 | |
| Kansas | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.075 | W | W | 2.202 | - | - | 2.215 | W | W | 2.088 | - | W | 2.088 | |
| November 2021 | W | NA | 2.234 | W | W | 2.354 | - | - | 2.396 | W | W | 2.250 | - | W | 2.250 | |
| December 2020 | W | W | 1.273 | W | W | 1.379 | - | - | 1.418 | W | W | 1.291 | - | W | 1.291 | |
| Kentucky | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.184 | - | - | 2.369 | - | W | 2.641 | - | W | 2.212 | - | W | 2.212 | |
| November 2021 | - | W | 2.345 | - | - | 2.523 | - | W | 2.730 | - | W | 2.370 | - | W | 2.370 | |
| December 2020 | W | W | 1.313 | W | - | 1.449 | W | - | 1.634 | W | W | 1.335 | - | W | 1.335 | |
| Michigan | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.081 | - | - | 2.335 | - | W | 2.520 | - | W | 2.107 | - | W | 2.107 | |
| November 2021 | - | W | 2.298 | - | - | 2.572 | - | W | 2.719 | - | W | 2.323 | - | W | 2.323 | |
| December 2020 | W | W | 1.225 | W | - | 1.570 | W | W | 1.641 | W | W | 1.252 | - | W | 1.252 | |
| Minnesota | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.080 | W | W | 2.093 | W | W | 2.177 | W | W | 2.090 | - | W | 2.090 | |
| November 2021 | W | W | 2.255 | W | W | 2.283 | W | W | 2.375 | W | W | 2.267 | - | W | 2.267 | |
| December 2020 | W | W | 1.254 | W | W | 1.322 | W | W | 1.380 | W | W | 1.267 | - | W | 1.267 | |
| Missouri | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.124 | - | - | 2.173 | - | W | 2.317 | - | W | 2.141 | - | W | 2.141 | |
| November 2021 | - | W | 2.289 | - | - | 2.339 | - | W | 2.524 | - | W | 2.308 | - | W | 2.308 | |
| December 2020 | - | W | 1.306 | - | - | 1.351 | - | - | 1.529 | - | W | 1.325 | - | W | 1.325 | |

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | Regular | | | Midgrade | | | Premium | | | All grades | | | | | | |
|-------------------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|--|--|--|--|
| | Sales to end users | | Sales for resale | Sales to end users | | Sales for resale | Sales to end users | | Sales for resale | Sales to end users | | Sales for resale | | | | |
| | Through retail outlets | Other end users[a] | | Through retail outlets | Other end users[a] | | Through retail outlets | Other end users[a] | | Through retail outlets | Other end users[a] | | | | | |
| PAD District 2 (cont.) | | | | | | | | | | | | | | | | |
| Nebraska | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.113 | W | W | 2.199 | - | - | 2.246 | W | W | 2.125 | | | | |
| November 2021 | W | W | 2.273 | W | W | 2.382 | - | - | 2.444 | W | W | 2.288 | | | | |
| December 2020 | W | W | 1.312 | W | W | 1.408 | - | - | 1.487 | W | W | 1.330 | | | | |
| North Dakota | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.129 | W | W | 2.194 | W | W | 2.290 | W | W | 2.147 | | | | |
| November 2021 | W | W | 2.275 | W | W | 2.345 | W | W | 2.412 | W | W | 2.291 | | | | |
| December 2020 | W | W | 1.349 | W | W | 1.398 | W | W | 1.605 | W | W | 1.379 | | | | |
| Ohio | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.122 | W | - | 2.341 | W | W | 2.535 | W | W | 2.151 | | | | |
| November 2021 | W | W | 2.328 | W | - | 2.550 | W | W | 2.719 | W | W | 2.354 | | | | |
| December 2020 | W | W | 1.229 | W | - | 1.451 | W | W | 1.565 | W | W | 1.253 | | | | |
| Oklahoma | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.077 | W | - | 2.156 | W | - | 2.165 | W | W | 2.093 | | | | |
| November 2021 | W | W | 2.242 | W | - | NA | W | - | 2.326 | W | W | 2.255 | | | | |
| December 2020 | W | W | 1.293 | W | - | 1.492 | W | - | 1.405 | W | W | 1.312 | | | | |
| South Dakota | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.108 | W | W | 2.184 | W | W | 2.282 | W | W | 2.124 | | | | |
| November 2021 | W | W | 2.272 | W | W | 2.363 | W | W | 2.498 | W | W | 2.292 | | | | |
| December 2020 | W | W | 1.318 | W | W | 1.359 | W | - | 1.486 | W | W | 1.334 | | | | |
| Tennessee | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.171 | - | - | 2.394 | - | W | 2.501 | - | W | 2.201 | | | | |
| November 2021 | - | W | 2.335 | - | - | 2.550 | - | W | 2.678 | - | W | 2.366 | | | | |
| December 2020 | W | W | 1.297 | W | - | 1.488 | W | W | 1.612 | W | W | 1.328 | | | | |
| Wisconsin | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.084 | - | - | 2.168 | - | - | 2.416 | - | - | 2.111 | | | | |
| November 2021 | - | - | 2.283 | - | - | 2.381 | - | - | 2.652 | - | - | 2.313 | | | | |
| December 2020 | W | W | 1.233 | W | W | 1.323 | W | W | 1.586 | W | W | 1.263 | | | | |
| PAD District 3 | | | | | | | | | | | | | | | | |
| December 2021 | W | 2.433 | 2.172 | - | - | 2.347 | W | W | 2.413 | W | W | 2.198 | | | | |
| November 2021 | W | 2.485 | 2.343 | - | - | 2.537 | W | W | 2.583 | W | W | 2.370 | | | | |
| December 2020 | W | 1.355 | 1.315 | W | W | 1.454 | W | NA | 1.537 | W | 1.477 | 1.340 | | | | |
| Alabama | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.182 | - | - | 2.363 | - | W | 2.604 | - | W | 2.221 | | | | |
| November 2021 | - | W | 2.368 | - | - | 2.595 | - | W | 2.809 | - | W | 2.407 | | | | |
| December 2020 | W | W | 1.316 | W | - | 1.466 | W | W | 1.742 | W | W | 1.356 | | | | |
| Arkansas | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.134 | - | - | 2.360 | - | - | 2.389 | - | - | 2.156 | | | | |
| November 2021 | - | - | 2.288 | - | - | 2.501 | - | - | 2.570 | - | - | 2.315 | | | | |
| December 2020 | - | - | 1.315 | - | - | 1.478 | - | - | 1.600 | - | - | 1.341 | | | | |
| Louisiana | | | | | | | | | | | | | | | | |
| December 2021 | - | W | 2.171 | - | - | NA | - | - | 2.416 | - | W | 2.191 | | | | |
| November 2021 | - | W | 2.317 | - | - | NA | - | - | 2.435 | - | W | 2.332 | | | | |
| December 2020 | - | W | 1.283 | - | - | 1.432 | - | W | 1.548 | - | W | 1.307 | | | | |
| Mississippi | | | | | | | | | | | | | | | | |
| December 2021 | - | - | 2.183 | - | - | 2.318 | - | - | 2.523 | - | - | 2.215 | | | | |
| November 2021 | - | - | 2.369 | - | - | 2.522 | - | - | 2.712 | - | - | 2.403 | | | | |
| December 2020 | - | - | 1.322 | - | - | 1.446 | - | - | 1.649 | - | - | 1.355 | | | | |
| New Mexico | | | | | | | | | | | | | | | | |
| December 2021 | W | - | 2.391 | - | - | 2.490 | W | - | 2.659 | W | - | 2.429 | | | | |
| November 2021 | W | W | 2.572 | - | - | 2.663 | W | - | 2.852 | W | W | 2.609 | | | | |
| December 2020 | W | W | 1.388 | W | - | 1.459 | W | W | 1.713 | W | W | 1.435 | | | | |
| Texas | | | | | | | | | | | | | | | | |
| December 2021 | W | W | 2.163 | - | - | 2.322 | W | - | 2.373 | W | W | 2.188 | | | | |
| November 2021 | W | W | 2.338 | - | - | 2.513 | W | - | 2.580 | W | W | 2.366 | | | | |
| December 2020 | W | W | 1.319 | W | W | 1.452 | W | W | 1.492 | W | W | 1.340 | | | | |

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | Regular | | | Midgrade | | | Premium | | | All grades | | |
|-----------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|
| | Sales to end users | | Sales for resale | Sales to end users | | Sales for resale | Sales to end users | | Sales for resale | Sales to end users | | Sales for resale |
| | Through retail outlets | Other end users[a] | | Through retail outlets | Other end users[a] | | Through retail outlets | Other end users[a] | | Through retail outlets | Other end users[a] | |
| PAD District 4 | | | | | | | | | | | | |
| December 2021 | W | 2.546 | 2.214 | W | W | 2.427 | W | W | 2.538 | W | 2.618 | 2.276 |
| November 2021 | W | 2.680 | 2.422 | W | W | 2.639 | W | W | 2.756 | W | 2.777 | 2.485 |
| December 2020 | 1.712 | 1.619 | 1.320 | 1.987 | W | 1.528 | 2.265 | W | 1.642 | 1.837 | 1.703 | 1.387 |
| Colorado | | | | | | | | | | | | |
| December 2021 | W | W | 2.092 | W | W | 2.256 | W | W | 2.388 | W | W | 2.148 |
| November 2021 | W | W | 2.261 | W | W | 2.392 | W | W | 2.560 | W | W | 2.316 |
| December 2020 | 1.709 | 1.667 | 1.419 | W | - | 1.663 | W | - | 1.733 | 1.854 | 1.667 | 1.481 |
| Idaho | | | | | | | | | | | | |
| December 2021 | W | W | 2.399 | - | - | NA | W | W | 2.714 | W | W | 2.448 |
| November 2021 | W | W | 2.627 | - | - | 2.923 | W | W | 2.948 | W | W | 2.676 |
| December 2020 | W | W | 1.255 | W | W | 1.570 | W | W | 1.580 | W | W | 1.314 |
| Montana | | | | | | | | | | | | |
| December 2021 | W | W | 2.400 | W | W | 2.556 | W | W | 2.833 | W | W | 2.465 |
| November 2021 | W | W | 2.504 | W | W | 2.680 | W | W | 2.947 | W | W | 2.572 |
| December 2020 | W | W | 1.361 | W | W | 1.577 | W | W | 1.814 | W | W | 1.441 |
| Utah | | | | | | | | | | | | |
| December 2021 | - | W | 2.267 | - | - | 2.560 | - | - | 2.590 | - | W | 2.346 |
| November 2021 | - | W | 2.565 | - | - | 2.874 | - | - | 2.892 | - | W | 2.642 |
| December 2020 | W | W | 1.201 | W | W | 1.456 | W | - | 1.503 | W | W | 1.281 |
| Wyoming | | | | | | | | | | | | |
| December 2021 | W | W | 2.114 | W | - | 2.299 | W | - | 2.567 | W | W | 2.178 |
| November 2021 | W | W | 2.357 | W | - | 2.479 | W | - | 2.760 | W | W | 2.415 |
| December 2020 | W | W | 1.269 | W | - | 1.521 | W | - | 1.749 | W | W | 1.343 |
| PAD District 5 | | | | | | | | | | | | |
| December 2021 | 3.756 | 2.805 | 2.752 | 4.017 | W | 2.990 | 4.205 | W | 3.083 | 3.878 | 2.818 | 2.820 |
| November 2021 | 3.753 | NA | 2.920 | 4.003 | W | 3.149 | 4.195 | W | 3.267 | 3.873 | NA | 2.992 |
| December 2020 | 2.299 | 1.612 | 1.634 | 2.548 | 1.970 | 1.863 | 2.726 | 2.099 | 1.940 | 2.409 | NA | 1.701 |
| Alaska | | | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | W | - | NA | W | W | W |
| November 2021 | W | W | W | W | - | W | W | - | 2.902 | W | W | W |
| December 2020 | W | W | W | W | - | W | W | W | 1.841 | W | W | W |
| Arizona | | | | | | | | | | | | |
| December 2021 | - | W | 2.491 | - | - | 2.548 | - | - | 2.820 | - | W | 2.533 |
| November 2021 | - | W | 2.775 | - | - | 2.910 | - | - | 3.107 | - | W | 2.819 |
| December 2020 | W | W | 1.420 | W | W | 1.594 | W | W | 1.674 | W | W | 1.454 |
| California | | | | | | | | | | | | |
| December 2021 | W | W | 2.966 | W | - | 3.118 | W | - | 3.223 | W | W | 3.027 |
| November 2021 | W | W | 3.153 | W | - | 3.315 | W | - | 3.416 | W | W | 3.216 |
| December 2020 | 2.390 | W | 1.797 | 2.599 | W | 1.950 | 2.759 | - | 2.044 | 2.494 | W | 1.860 |
| Hawaii | | | | | | | | | | | | |
| December 2021 | W | W | W | W | W | W | W | W | W | W | W | W |
| November 2021 | W | W | W | NA | W | W | W | W | W | W | W | W |
| December 2020 | W | W | W | W | W | W | W | W | W | W | W | W |
| Nevada | | | | | | | | | | | | |
| December 2021 | - | W | 2.513 | - | - | NA | - | - | 2.785 | - | W | 2.577 |
| November 2021 | - | W | 2.745 | - | - | NA | - | - | 3.033 | - | W | 2.810 |
| December 2020 | W | W | 1.456 | W | - | 1.717 | W | - | 1.704 | W | W | 1.515 |
| Oregon | | | | | | | | | | | | |
| December 2021 | W | - | 2.476 | W | - | 2.701 | W | - | 2.787 | W | - | 2.516 |
| November 2021 | W | - | 2.496 | W | - | 2.724 | W | - | 2.812 | W | - | 2.536 |
| December 2020 | 2.078 | - | 1.421 | 2.311 | - | 1.647 | 2.468 | - | 1.724 | 2.145 | - | 1.462 |
| Washington | | | | | | | | | | | | |
| December 2021 | 3.059 | W | 2.392 | 3.305 | W | 2.669 | 3.524 | W | 2.738 | 3.133 | W | 2.455 |
| November 2021 | 3.065 | W | 2.462 | 3.309 | W | 2.721 | 3.526 | W | 2.808 | 3.139 | W | 2.522 |
| December 2020 | NA | W | 1.396 | 2.158 | W | 1.643 | 2.341 | W | 1.739 | NA | W | 1.460 |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state
dollars per gallon excluding taxes

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | |
|-----------------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| United States | | | | | | |
| December 2021 | W | 3.154 | 2.169 | 2.145 | 3.157 | 2.272 |
| November 2021 | 3.778 | 3.410 | 2.309 | 2.283 | 3.799 | 2.405 |
| December 2020 | 2.674 | 2.289 | 1.395 | 1.353 | W | 1.585 |
| PAD District 1 | | | | | | |
| December 2021 | W | 3.207 | 2.176 | 2.156 | W | 2.437 |
| November 2021 | 3.643 | 3.462 | 2.348 | 2.305 | W | 2.533 |
| December 2020 | W | 2.341 | 1.404 | 1.379 | W | 1.644 |
| Subdistrict 1A | | | | | | |
| December 2021 | W | W | 2.213 | 2.202 | - | - |
| November 2021 | W | W | 2.398 | 2.349 | - | - |
| December 2020 | W | W | 1.548 | 1.430 | W | - |
| Connecticut | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | 2.365 | - | - |
| December 2020 | - | - | W | W | - | - |
| Maine | | | | | | |
| December 2021 | W | W | W | W | - | - |
| November 2021 | - | W | W | W | - | - |
| December 2020 | - | W | W | W | - | - |
| Massachusetts | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | W | - | W | W | - | - |
| December 2020 | W | - | 1.781 | W | W | - |
| New Hampshire | | | | | | |
| December 2021 | - | - | W | - | - | - |
| November 2021 | - | - | W | - | - | - |
| December 2020 | - | - | W | - | W | - |
| Rhode Island | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | NA | - | - |
| December 2020 | - | - | W | W | W | - |
| Vermont | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | - | - | W | W | - | - |
| Subdistrict 1B | | | | | | |
| December 2021 | - | W | 2.182 | 2.135 | W | 2.334 |
| November 2021 | W | 3.507 | 2.366 | 2.302 | W | 2.432 |
| December 2020 | - | W | 1.394 | 1.361 | W | 1.600 |
| Delaware | | | | | | |
| December 2021 | - | - | - | - | - | - |
| November 2021 | - | - | - | - | - | - |
| December 2020 | - | - | - | - | W | - |
| District of Columbia | | | | | | |
| December 2021 | - | - | - | - | - | - |
| November 2021 | - | - | - | - | - | - |
| December 2020 | - | - | - | - | - | - |
| Maryland | | | | | | |
| December 2021 | - | - | W | 2.165 | - | W |
| November 2021 | - | - | W | 2.307 | - | W |
| December 2020 | - | - | W | 1.336 | - | W |
| New Jersey | | | | | | |
| December 2021 | - | - | 2.173 | 2.131 | - | W |
| November 2021 | - | - | 2.359 | 2.314 | - | W |
| December 2020 | - | - | 1.403 | 1.359 | W | W |
| New York | | | | | | |
| December 2021 | - | W | 2.198 | 2.198 | W | 2.318 |
| November 2021 | - | W | 2.373 | 2.385 | W | 2.670 |
| December 2020 | - | W | 1.402 | 1.437 | W | W |
| Pennsylvania | | | | | | |
| December 2021 | - | W | 2.151 | 2.135 | W | W |
| November 2021 | W | W | 2.356 | 2.272 | W | 2.803 |
| December 2020 | - | W | 1.364 | 1.359 | W | W |

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | |
|-----------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| Subdistrict 1C | | | | | | |
| December 2021 | - | 3.188 | 2.166 | 2.174 | - | 2.617 |
| November 2021 | W | 3.443 | 2.324 | 2.302 | - | 2.913 |
| December 2020 | W | W | 1.402 | 1.393 | W | 1.791 |
| Florida | | | | | | |
| December 2021 | - | 3.176 | W | 2.167 | - | - |
| November 2021 | W | 3.438 | W | 2.294 | - | - |
| December 2020 | - | W | 1.412 | 1.393 | W | - |
| Georgia | | | | | | |
| December 2021 | - | W | W | 2.358 | - | W |
| November 2021 | - | W | W | 2.341 | - | W |
| December 2020 | W | W | W | 1.394 | - | W |
| North Carolina | | | | | | |
| December 2021 | - | W | W | 2.176 | - | W |
| November 2021 | - | W | W | NA | - | 2.899 |
| December 2020 | - | - | W | 1.395 | W | 1.801 |
| South Carolina | | | | | | |
| December 2021 | - | - | W | 2.149 | - | W |
| November 2021 | - | - | W | 2.333 | - | W |
| December 2020 | - | - | W | 1.376 | W | W |
| Virginia | | | | | | |
| December 2021 | - | W | 2.143 | 2.270 | - | W |
| November 2021 | - | W | 2.320 | NA | - | W |
| December 2020 | - | W | 1.360 | 1.407 | - | W |
| West Virginia | | | | | | |
| December 2021 | - | - | - | W | - | - |
| November 2021 | - | - | - | NA | - | - |
| December 2020 | - | - | - | W | W | - |
| PAD District 2 | | | | | | |
| December 2021 | W | 3.120 | 2.181 | 2.149 | W | 2.639 |
| November 2021 | W | 3.381 | 2.346 | 2.308 | W | 2.855 |
| December 2020 | W | W | 1.384 | 1.386 | W | 2.163 |
| Illinois | | | | | | |
| December 2021 | - | W | 2.209 | W | - | W |
| November 2021 | - | W | 2.359 | W | - | W |
| December 2020 | W | W | 1.416 | W | W | W |
| Indiana | | | | | | |
| December 2021 | - | - | 2.171 | 2.141 | - | 2.775 |
| November 2021 | - | - | 2.329 | 2.314 | - | 2.945 |
| December 2020 | - | - | 1.359 | 1.362 | W | 2.264 |
| Iowa | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | - | - | 1.420 | W | - | - |
| Kansas | | | | | | |
| December 2021 | W | W | W | W | - | W |
| November 2021 | W | W | W | W | - | W |
| December 2020 | W | W | W | W | - | W |
| Kentucky | | | | | | |
| December 2021 | W | W | W | 2.133 | - | W |
| November 2021 | W | W | W | 2.312 | - | W |
| December 2020 | W | W | W | 1.357 | W | W |
| Michigan | | | | | | |
| December 2021 | W | - | W | 2.109 | - | W |
| November 2021 | - | - | W | 2.311 | - | W |
| December 2020 | W | - | W | 1.359 | W | W |
| Minnesota | | | | | | |
| December 2021 | W | W | W | 2.146 | W | W |
| November 2021 | W | W | W | 2.266 | W | W |
| December 2020 | W | W | W | 1.374 | W | W |
| Missouri | | | | | | |
| December 2021 | W | W | W | W | - | W |
| November 2021 | W | - | W | W | - | W |
| December 2020 | W | - | W | W | - | W |

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | |
|-------------------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 2 (cont.) | | | | | | |
| Nebraska | | | | | | |
| December 2021 | W | - | W | W | - | - |
| November 2021 | W | - | W | W | - | - |
| December 2020 | W | - | W | W | - | - |
| North Dakota | | | | | | |
| December 2021 | - | - | W | W | W | W |
| November 2021 | - | - | W | W | W | - |
| December 2020 | - | - | W | W | W | W |
| Ohio | | | | | | |
| December 2021 | W | W | 2.187 | 2.116 | - | W |
| November 2021 | W | W | 2.370 | 2.307 | - | W |
| December 2020 | W | - | 1.402 | 1.366 | W | W |
| Oklahoma | | | | | | |
| December 2021 | W | - | W | 2.146 | - | W |
| November 2021 | W | - | W | 2.324 | - | W |
| December 2020 | W | - | W | 1.389 | - | W |
| South Dakota | | | | | | |
| December 2021 | - | - | W | - | - | - |
| November 2021 | - | - | W | - | - | - |
| December 2020 | - | - | W | - | - | - |
| Tennessee | | | | | | |
| December 2021 | W | W | W | 2.156 | - | W |
| November 2021 | W | W | W | 2.351 | - | W |
| December 2020 | - | W | W | 1.381 | - | W |
| Wisconsin | | | | | | |
| December 2021 | - | - | 2.217 | W | - | W |
| November 2021 | - | - | 2.371 | W | - | W |
| December 2020 | - | - | W | W | W | W |
| PAD District 3 | | | | | | |
| Alabama | | | | | | |
| December 2021 | W | 2.995 | 2.127 | 2.115 | - | 2.128 |
| November 2021 | W | 3.221 | 2.280 | 2.272 | - | 2.276 |
| December 2020 | W | 2.143 | 1.373 | 1.305 | - | W |
| Arkansas | | | | | | |
| December 2021 | W | - | W | 2.244 | - | - |
| November 2021 | - | W | W | 2.372 | - | - |
| December 2020 | - | W | W | 1.455 | - | - |
| Louisiana | | | | | | |
| December 2021 | W | W | 2.126 | 2.105 | - | W |
| November 2021 | W | W | 2.249 | 2.265 | - | W |
| December 2020 | W | W | 1.296 | 1.290 | - | W |
| Mississippi | | | | | | |
| December 2021 | - | W | 2.120 | W | - | W |
| November 2021 | - | W | 2.210 | W | - | W |
| December 2020 | - | - | 1.321 | 1.308 | - | W |
| New Mexico | | | | | | |
| December 2021 | W | - | W | 2.222 | - | - |
| November 2021 | W | - | W | 2.432 | - | - |
| December 2020 | W | - | W | W | - | - |
| Texas | | | | | | |
| December 2021 | W | 3.009 | 2.127 | 2.115 | - | W |
| November 2021 | W | 3.236 | 2.295 | 2.271 | - | W |
| December 2020 | W | 2.157 | 1.390 | 1.310 | - | W |

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | |
|-----------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 4 | | | | | | |
| December 2021 | W | W | 2.333 | 2.257 | - | - |
| November 2021 | W | W | 2.456 | 2.434 | - | - |
| December 2020 | W | W | 1.543 | 1.490 | - | - |
| Colorado | | | | | | |
| December 2021 | W | - | 2.230 | 2.218 | - | - |
| November 2021 | W | - | 2.420 | 2.416 | - | - |
| December 2020 | W | - | W | 1.446 | - | - |
| Idaho | | | | | | |
| December 2021 | - | - | W | 2.382 | - | - |
| November 2021 | - | - | W | 2.567 | - | - |
| December 2020 | - | - | W | 1.661 | - | - |
| Montana | | | | | | |
| December 2021 | W | W | W | W | - | - |
| November 2021 | - | W | W | W | - | - |
| December 2020 | - | W | W | W | - | - |
| Utah | | | | | | |
| December 2021 | - | W | 2.398 | 2.364 | - | - |
| November 2021 | - | W | 2.472 | 2.499 | - | - |
| December 2020 | - | W | 1.583 | 1.588 | - | - |
| Wyoming | | | | | | |
| December 2021 | W | - | 2.271 | W | - | - |
| November 2021 | - | - | 2.492 | W | - | - |
| December 2020 | - | - | 1.501 | W | - | - |
| PAD District 5 | | | | | | |
| December 2021 | W | 3.370 | 2.175 | 2.153 | W | W |
| November 2021 | W | 3.627 | 2.282 | 2.239 | W | W |
| December 2020 | W | 2.472 | 1.403 | 1.388 | W | W |
| Alaska | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | W | - | W | W | - | - |
| Arizona | | | | | | |
| December 2021 | W | W | 2.216 | 2.214 | - | - |
| November 2021 | W | W | 2.348 | 2.371 | - | - |
| December 2020 | W | W | W | 1.448 | - | - |
| California | | | | | | |
| December 2021 | W | 3.381 | 2.173 | 2.142 | - | W |
| November 2021 | W | 3.668 | 2.260 | 2.206 | - | W |
| December 2020 | W | 2.492 | 1.397 | 1.369 | W | W |
| Hawaii | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | - | - | W | W | - | - |
| Nevada | | | | | | |
| December 2021 | - | - | W | 2.188 | - | - |
| November 2021 | - | - | W | 2.303 | - | - |
| December 2020 | - | - | W | W | - | - |
| Oregon | | | | | | |
| December 2021 | - | W | 2.228 | W | - | - |
| November 2021 | - | W | 2.355 | W | - | - |
| December 2020 | - | W | 1.444 | 1.427 | - | - |
| Washington | | | | | | |
| December 2021 | - | W | 2.172 | 2.186 | W | - |
| November 2021 | - | W | 2.250 | 2.305 | W | - |
| December 2020 | - | W | 1.436 | 1.436 | NA | - |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

| Geographic area month | No. 1 distillate | | No. 2 distillate[a] | | No. 4 fuel[b] | |
|-----------------------------|--------------------|------------------|---------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| United States | | | | | | |
| December 2021 | 2.811 | 2.583 | 2.379 | 2.264 | - | W |
| November 2021 | 2.859 | 2.684 | 2.544 | 2.447 | - | W |
| December 2020 | 1.977 | 1.740 | 1.628 | 1.466 | - | W |
| PAD District 1 | | | | | | |
| December 2021 | - | 2.412 | 2.335 | 2.222 | - | - |
| November 2021 | - | W | 2.494 | 2.405 | - | - |
| December 2020 | - | 1.619 | 1.651 | 1.442 | - | - |
| Subdistrict 1A | | | | | | |
| December 2021 | - | - | W | 2.214 | - | - |
| November 2021 | - | - | W | 2.371 | - | - |
| December 2020 | - | - | W | 1.448 | - | - |
| Connecticut | | | | | | |
| December 2021 | - | - | W | 2.203 | - | - |
| November 2021 | - | - | W | 2.355 | - | - |
| December 2020 | - | - | W | 1.435 | - | - |
| Maine | | | | | | |
| December 2021 | - | - | - | 2.323 | - | - |
| November 2021 | - | - | - | 2.379 | - | - |
| December 2020 | - | - | - | 1.523 | - | - |
| Massachusetts | | | | | | |
| December 2021 | - | - | - | 2.214 | - | - |
| November 2021 | - | - | - | 2.403 | - | - |
| December 2020 | - | - | W | 1.454 | - | - |
| New Hampshire | | | | | | |
| December 2021 | - | - | - | W | - | - |
| November 2021 | - | - | - | W | - | - |
| December 2020 | - | - | W | W | - | - |
| Rhode Island | | | | | | |
| December 2021 | - | - | - | 2.205 | - | - |
| November 2021 | - | - | - | 2.403 | - | - |
| December 2020 | - | - | W | 1.441 | - | - |
| Vermont | | | | | | |
| December 2021 | - | - | - | W | - | - |
| November 2021 | - | - | - | W | - | - |
| December 2020 | - | - | - | W | - | - |
| Subdistrict 1B | | | | | | |
| December 2021 | - | 2.392 | W | 2.206 | - | - |
| November 2021 | - | W | W | 2.397 | - | - |
| December 2020 | - | 1.616 | W | 1.427 | - | - |
| Delaware | | | | | | |
| December 2021 | - | - | W | 2.266 | - | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | - | - | W | 1.458 | - | - |
| District of Columbia | | | | | | |
| December 2021 | - | - | - | W | - | - |
| November 2021 | - | - | - | W | - | - |
| December 2020 | - | - | - | W | - | - |
| Maryland | | | | | | |
| December 2021 | - | - | - | 2.203 | - | - |
| November 2021 | - | - | - | 2.396 | - | - |
| December 2020 | - | - | - | 1.432 | - | - |
| New Jersey | | | | | | |
| December 2021 | - | W | W | 2.177 | - | - |
| November 2021 | - | W | W | 2.371 | - | - |
| December 2020 | - | W | 1.638 | 1.399 | - | - |
| New York | | | | | | |
| December 2021 | - | W | 2.842 | 2.273 | - | - |
| November 2021 | - | W | 2.915 | 2.458 | - | - |
| December 2020 | - | W | 2.075 | 1.476 | - | - |
| Pennsylvania | | | | | | |
| December 2021 | - | W | 2.385 | 2.234 | - | - |
| November 2021 | - | W | 2.545 | 2.411 | - | - |
| December 2020 | - | W | 1.581 | 1.449 | - | - |

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | No. 1 distillate | | No. 2 distillate[a] | | No. 4 fuel[b] | |
|-----------------------|--------------------|------------------|---------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| Subdistrict 1C | | | | | | |
| December 2021 | - | W | 2.250 | 2.242 | - | - |
| November 2021 | - | - | 2.407 | 2.421 | - | - |
| December 2020 | - | W | 1.587 | 1.457 | - | - |
| Florida | | | | | | |
| December 2021 | - | - | 2.282 | 2.291 | - | - |
| November 2021 | - | - | 2.464 | 2.462 | - | - |
| December 2020 | - | - | 1.590 | 1.490 | - | - |
| Georgia | | | | | | |
| December 2021 | - | W | 2.218 | 2.185 | - | - |
| November 2021 | - | - | 2.408 | 2.356 | - | - |
| December 2020 | - | W | 1.476 | 1.435 | - | - |
| North Carolina | | | | | | |
| December 2021 | - | - | 2.227 | 2.219 | - | - |
| November 2021 | - | - | 2.371 | 2.397 | - | - |
| December 2020 | - | - | 1.667 | 1.435 | - | - |
| South Carolina | | | | | | |
| December 2021 | - | - | W | 2.233 | - | - |
| November 2021 | - | - | W | 2.396 | - | - |
| December 2020 | - | - | W | 1.438 | - | - |
| Virginia | | | | | | |
| December 2021 | - | - | 2.228 | 2.235 | - | - |
| November 2021 | - | - | 2.445 | 2.425 | - | - |
| December 2020 | - | - | W | 1.452 | - | - |
| West Virginia | | | | | | |
| December 2021 | - | - | W | 2.284 | - | - |
| November 2021 | - | - | W | 2.565 | - | - |
| December 2020 | - | - | 1.495 | 1.481 | - | - |
| PAD District 2 | | | | | | |
| December 2021 | 2.951 | 2.559 | 2.264 | 2.243 | - | - |
| November 2021 | 2.985 | 2.682 | 2.411 | 2.385 | - | - |
| December 2020 | 1.998 | 1.737 | 1.564 | 1.488 | - | - |
| Illinois | | | | | | |
| December 2021 | W | W | 2.265 | 2.202 | - | - |
| November 2021 | W | 2.690 | 2.450 | 2.325 | - | - |
| December 2020 | W | 1.780 | 1.590 | 1.457 | - | - |
| Indiana | | | | | | |
| December 2021 | - | W | W | 2.240 | - | - |
| November 2021 | - | W | W | 2.376 | - | - |
| December 2020 | - | W | 1.622 | 1.478 | - | - |
| Iowa | | | | | | |
| December 2021 | - | 2.500 | 2.309 | 2.251 | - | - |
| November 2021 | - | 2.611 | 2.409 | 2.374 | - | - |
| December 2020 | - | 1.685 | W | 1.545 | - | - |
| Kansas | | | | | | |
| December 2021 | - | 2.508 | 2.185 | 2.216 | - | - |
| November 2021 | - | 2.615 | W | 2.329 | - | - |
| December 2020 | - | 1.687 | 1.451 | 1.495 | - | - |
| Kentucky | | | | | | |
| December 2021 | - | W | W | 2.309 | - | - |
| November 2021 | W | W | W | 2.474 | - | - |
| December 2020 | - | W | 1.557 | 1.508 | - | - |
| Michigan | | | | | | |
| December 2021 | W | 2.674 | W | 2.286 | - | - |
| November 2021 | NA | 2.773 | W | 2.383 | - | - |
| December 2020 | W | 2.101 | 1.754 | 1.479 | - | - |
| Minnesota | | | | | | |
| December 2021 | 2.830 | 2.487 | 2.322 | 2.259 | - | - |
| November 2021 | W | 2.712 | 2.499 | 2.435 | - | - |
| December 2020 | W | 1.735 | 1.637 | 1.573 | - | - |
| Missouri | | | | | | |
| December 2021 | W | 2.532 | 2.243 | 2.229 | - | - |
| November 2021 | W | 2.641 | 2.387 | 2.364 | - | - |
| December 2020 | W | 1.710 | 1.534 | 1.511 | - | - |

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | No. 1 distillate | | No. 2 distillate[a] | | No. 4 fuel[b] | |
|-------------------------------|--------------------|------------------|---------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 2 (cont.) | | | | | | |
| Nebraska | | | | | | |
| December 2021 | W | 2.557 | 2.262 | 2.261 | - | - |
| November 2021 | W | 2.648 | 2.418 | 2.385 | - | - |
| December 2020 | W | 1.704 | 1.528 | 1.547 | - | - |
| North Dakota | | | | | | |
| December 2021 | W | 2.703 | W | 2.352 | - | - |
| November 2021 | W | 2.795 | W | 2.545 | - | - |
| December 2020 | W | 1.761 | W | 1.596 | - | - |
| Ohio | | | | | | |
| December 2021 | - | W | W | 2.285 | - | - |
| November 2021 | - | W | W | 2.495 | - | - |
| December 2020 | - | W | 1.589 | 1.466 | - | - |
| Oklahoma | | | | | | |
| December 2021 | - | W | W | 2.198 | - | - |
| November 2021 | - | W | W | 2.312 | - | - |
| December 2020 | - | W | 1.531 | 1.461 | - | - |
| South Dakota | | | | | | |
| December 2021 | W | 2.577 | W | 2.287 | - | - |
| November 2021 | W | 2.680 | W | 2.418 | - | - |
| December 2020 | W | 1.743 | W | 1.573 | - | - |
| Tennessee | | | | | | |
| December 2021 | - | W | 2.242 | 2.236 | - | - |
| November 2021 | - | W | 2.417 | 2.427 | - | - |
| December 2020 | - | W | 1.490 | 1.459 | - | - |
| Wisconsin | | | | | | |
| December 2021 | - | 2.513 | 2.218 | 2.243 | - | - |
| November 2021 | - | 2.615 | W | 2.354 | - | - |
| December 2020 | W | 1.715 | 1.782 | 1.516 | - | - |
| PAD District 3 | | | | | | |
| Alabama | | | | | | |
| December 2021 | - | W | 2.267 | 2.198 | - | W |
| November 2021 | - | W | 2.432 | 2.376 | - | W |
| December 2020 | - | W | 1.514 | 1.382 | - | W |
| Arkansas | | | | | | |
| December 2021 | - | - | W | 2.234 | - | - |
| November 2021 | - | - | W | 2.392 | - | - |
| December 2020 | - | - | W | 1.487 | - | - |
| Louisiana | | | | | | |
| December 2021 | - | W | W | 2.164 | - | - |
| November 2021 | - | W | W | 2.362 | - | - |
| December 2020 | - | W | 1.614 | 1.337 | - | - |
| Mississippi | | | | | | |
| December 2021 | - | - | 2.204 | 2.187 | - | - |
| November 2021 | - | - | 2.452 | 2.421 | - | - |
| December 2020 | - | - | W | 1.409 | - | - |
| New Mexico | | | | | | |
| December 2021 | - | - | 2.320 | NA | - | - |
| November 2021 | - | - | 2.529 | NA | - | - |
| December 2020 | - | - | 1.698 | 1.530 | - | - |
| Texas | | | | | | |
| December 2021 | - | - | 2.259 | 2.200 | - | W |
| November 2021 | - | W | 2.412 | 2.366 | - | W |
| December 2020 | - | - | 1.498 | 1.385 | - | W |

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

| Geographic area month | No. 1 distillate | | No. 2 distillate[a] | | No. 4 fuel[b] | |
|-----------------------|--------------------|------------------|---------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 4 | | | | | | |
| December 2021 | 3.421 | 2.805 | 2.540 | 2.479 | - | - |
| November 2021 | 3.393 | 3.013 | 2.701 | 2.771 | - | - |
| December 2020 | 2.178 | 1.902 | 1.595 | 1.559 | - | - |
| Colorado | | | | | | |
| December 2021 | W | 2.575 | 2.305 | 2.236 | - | - |
| November 2021 | W | 2.742 | 2.443 | 2.391 | - | - |
| December 2020 | W | 1.864 | 1.546 | 1.520 | - | - |
| Idaho | | | | | | |
| December 2021 | W | 2.945 | 3.254 | 2.625 | - | - |
| November 2021 | W | 3.134 | 3.325 | 3.083 | - | - |
| December 2020 | W | 1.991 | 1.960 | 1.563 | - | - |
| Montana | | | | | | |
| December 2021 | W | 2.870 | 2.632 | 2.686 | - | - |
| November 2021 | W | 2.990 | 2.718 | 2.838 | - | - |
| December 2020 | W | 1.856 | 1.580 | 1.637 | - | - |
| Utah | | | | | | |
| December 2021 | - | 2.995 | W | 2.601 | - | - |
| November 2021 | - | 3.676 | W | 3.137 | - | - |
| December 2020 | W | 2.112 | 1.621 | 1.548 | - | - |
| Wyoming | | | | | | |
| December 2021 | W | 2.785 | 2.298 | 2.437 | - | - |
| November 2021 | W | 2.986 | 2.457 | 2.621 | - | - |
| December 2020 | - | 1.882 | 1.555 | 1.584 | - | - |
| PAD District 5 | | | | | | |
| December 2021 | W | 2.578 | 2.595 | 2.524 | - | - |
| November 2021 | W | 2.664 | 2.801 | 2.748 | - | - |
| December 2020 | W | 1.681 | 1.813 | 1.652 | - | - |
| Alaska | | | | | | |
| December 2021 | W | W | W | W | - | - |
| November 2021 | W | W | W | W | - | - |
| December 2020 | W | W | 2.126 | W | - | - |
| Arizona | | | | | | |
| December 2021 | - | - | NA | 2.499 | - | - |
| November 2021 | - | - | NA | 2.960 | - | - |
| December 2020 | - | - | 1.654 | 1.606 | - | - |
| California | | | | | | |
| December 2021 | - | - | 2.673 | 2.562 | - | - |
| November 2021 | - | - | 2.964 | 2.850 | - | - |
| December 2020 | - | - | 1.979 | 1.733 | - | - |
| Hawaii | | | | | | |
| December 2021 | - | - | W | W | - | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | - | - | W | W | - | - |
| Nevada | | | | | | |
| December 2021 | - | - | W | 2.498 | - | - |
| November 2021 | - | - | W | 2.797 | - | - |
| December 2020 | - | - | W | 1.614 | - | - |
| Oregon | | | | | | |
| December 2021 | - | W | W | 2.603 | - | - |
| November 2021 | - | W | W | 2.614 | - | - |
| December 2020 | - | W | 1.591 | 1.510 | - | - |
| Washington | | | | | | |
| December 2021 | W | W | 2.606 | 2.416 | - | - |
| November 2021 | W | W | 2.741 | 2.511 | - | - |
| December 2020 | W | W | 1.618 | 1.477 | - | - |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

| Geographic area month | Regular | | | | | Midgrade | | | | |
|-----------------------------|------------------------|----------|------------------|-----------|---------|------------------------|----------|------------------|---------|------|
| | Sales to end users | | Sales for resale | | | Sales to end users | | Sales for resale | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| United States | | | | | | | | | | |
| December 2021 | 3,100.5 | 3,230.8 | 14,970.2 | 232,001.3 | 8,151.3 | 422.9 | 431.7 | 138.3 | 1,087.4 | - |
| November 2021 | 3,178.2 | 3,316.5 | 15,348.1 | 235,610.0 | 8,671.7 | 436.1 | 446.0 | 137.6 | 1,121.4 | - |
| December 2020 | 15,058.2 | 15,180.2 | 11,983.3 | 203,831.2 | 5,148.0 | 1,346.0 | 1,355.6 | 109.4 | 1,143.1 | - |
| PAD District 1 | | | | | | | | | | |
| December 2021 | W | W | W | 68,236.8 | W | W | W | W | W | - |
| November 2021 | W | W | W | 69,583.3 | W | W | W | W | W | - |
| December 2020 | 4,822.1 | 4,828.4 | W | 58,164.2 | W | 487.9 | 491.2 | - | 381.9 | - |
| Subdistrict 1A | | | | | | | | | | |
| December 2021 | - | W | W | W | - | - | - | - | 13.9 | - |
| November 2021 | - | W | W | W | - | - | - | - | 14.9 | - |
| December 2020 | W | W | W | W | - | W | W | - | 15.7 | - |
| Connecticut | | | | | | | | | | |
| December 2021 | - | W | - | 1,913.3 | - | - | - | - | 1.4 | - |
| November 2021 | - | W | - | 1,909.9 | - | - | - | - | 1.5 | - |
| December 2020 | - | W | - | 1,630.6 | - | - | - | - | 2.9 | - |
| Maine | | | | | | | | | | |
| December 2021 | - | - | - | 549.5 | - | - | - | - | W | - |
| November 2021 | - | - | - | W | - | - | - | - | W | - |
| December 2020 | - | - | - | 509.2 | - | - | - | - | W | - |
| Massachusetts | | | | | | | | | | |
| December 2021 | - | - | - | 1,715.3 | - | - | - | - | 5.5 | - |
| November 2021 | - | - | - | 1,698.2 | - | - | - | - | 5.8 | - |
| December 2020 | W | W | - | 993.8 | - | W | W | - | 4.5 | - |
| New Hampshire | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | - |
| November 2021 | - | - | W | W | - | - | - | - | - | - |
| December 2020 | W | W | W | W | - | W | W | - | - | - |
| Rhode Island | | | | | | | | | | |
| December 2021 | - | - | - | 796.9 | - | - | - | - | W | - |
| November 2021 | - | - | - | 805.2 | - | - | - | - | W | - |
| December 2020 | W | W | - | 634.4 | - | W | W | - | W | - |
| Vermont | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | - |
| November 2021 | - | - | W | W | - | - | - | - | - | - |
| December 2020 | - | - | W | 48.0 | - | - | - | - | - | - |
| Subdistrict 1B | | | | | | | | | | |
| December 2021 | W | W | W | W | 3,506.6 | W | W | W | W | - |
| November 2021 | W | W | W | 22,264.6 | W | W | W | W | W | - |
| December 2020 | 2,613.0 | 2,613.0 | W | W | W | 294.8 | 294.8 | - | 72.1 | - |
| Delaware | | | | | | | | | | |
| December 2021 | - | - | - | 1,011.5 | - | - | - | - | 5.7 | - |
| November 2021 | - | - | - | 944.9 | - | - | - | - | 5.4 | - |
| December 2020 | W | W | - | 764.3 | - | W | W | - | 5.4 | - |
| District of Columbia | | | | | | | | | | |
| December 2021 | - | - | - | - | - | - | - | - | - | - |
| November 2021 | - | - | - | - | - | - | - | - | - | - |
| December 2020 | - | - | - | - | - | - | - | - | - | - |
| Maryland | | | | | | | | | | |
| December 2021 | - | - | - | 3,287.2 | - | - | - | - | 26.7 | - |
| November 2021 | - | - | - | 3,497.9 | - | - | - | - | 29.0 | - |
| December 2020 | - | - | - | 2,860.0 | - | - | - | - | 28.8 | - |
| New Jersey | | | | | | | | | | |
| December 2021 | W | W | W | 6,685.0 | W | W | W | W | W | - |
| November 2021 | W | W | W | 6,926.2 | W | W | W | W | W | - |
| December 2020 | W | W | NA | W | W | W | W | - | 15.3 | - |
| New York | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | W | W | W | - |
| November 2021 | W | W | W | W | - | W | W | W | W | - |
| December 2020 | 1,705.4 | 1,705.4 | W | W | - | 194.6 | 194.6 | - | 11.8 | - |
| Pennsylvania | | | | | | | | | | |
| December 2021 | W | W | - | W | W | W | W | - | 12.7 | - |
| November 2021 | W | W | - | W | W | W | W | - | 13.5 | - |
| December 2020 | W | W | - | W | W | W | W | - | 10.8 | - |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | | | All grades | | | | |
|-----------------------------|------------------------|----------|------------------|----------|---------|------------------------|----------|------------------|-----------|----------|
| | Sales to end users | | Sales for resale | | | Sales to end users | | Sales for resale | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| United States | | | | | | | | | | |
| December 2021 | 765.0 | 773.4 | 4,472.6 | 30,636.8 | 1,447.4 | 4,288.4 | 4,435.9 | 19,581.1 | 263,725.5 | 9,598.6 |
| November 2021 | 777.2 | 786.0 | 4,595.7 | 30,985.6 | 1,694.6 | 4,391.5 | 4,548.5 | 20,081.4 | 267,716.9 | 10,366.3 |
| December 2020 | 2,152.5 | 2,160.0 | 3,992.8 | 28,689.3 | 1,270.5 | 18,556.7 | 18,695.8 | 16,085.4 | 233,663.6 | 6,418.5 |
| PAD District 1 | | | | | | | | | | |
| December 2021 | W | W | W | W | W | W | W | W | W | 3,819.3 |
| November 2021 | W | W | W | W | W | W | W | W | W | 4,583.5 |
| December 2020 | 776.8 | 776.8 | W | W | W | 6,086.7 | 6,096.4 | W | W | 2,817.7 |
| Subdistrict 1A | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | W | W | W | - |
| November 2021 | - | - | W | W | - | - | W | W | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Connecticut | | | | | | | | | | |
| December 2021 | - | - | - | 354.2 | - | - | W | - | 2,268.8 | - |
| November 2021 | - | - | - | 371.5 | - | - | W | - | 2,282.9 | - |
| December 2020 | - | - | - | 327.9 | - | - | W | - | 1,961.5 | - |
| Maine | | | | | | | | | | |
| December 2021 | - | - | - | W | - | - | - | - | 592.2 | - |
| November 2021 | - | - | - | W | - | - | - | - | 614.9 | - |
| December 2020 | - | - | - | W | - | - | - | - | 558.4 | - |
| Massachusetts | | | | | | | | | | |
| December 2021 | - | - | - | 289.8 | - | - | - | - | 2,010.6 | - |
| November 2021 | - | - | - | 292.6 | - | - | - | - | 1,996.6 | - |
| December 2020 | W | W | - | 171.1 | - | W | W | - | 1,169.4 | - |
| New Hampshire | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | W | W | - |
| November 2021 | - | - | W | W | - | - | - | W | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Rhode Island | | | | | | | | | | |
| December 2021 | - | - | - | W | - | - | - | - | 931.3 | - |
| November 2021 | - | - | - | W | - | - | - | - | 946.2 | - |
| December 2020 | W | W | - | W | - | W | W | - | 759.5 | - |
| Vermont | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | W | 238.8 | - |
| November 2021 | - | - | W | W | - | - | - | W | 237.7 | - |
| December 2020 | - | - | W | W | - | - | - | W | W | - |
| Subdistrict 1B | | | | | | | | | | |
| December 2021 | W | W | W | W | W | W | W | W | 25,090.9 | W |
| November 2021 | W | W | W | W | W | W | W | W | 25,680.3 | W |
| December 2020 | NA | NA | W | W | W | 3,404.8 | 3,404.8 | W | 20,534.6 | W |
| Delaware | | | | | | | | | | |
| December 2021 | - | - | - | 123.9 | - | - | - | - | 1,141.0 | - |
| November 2021 | - | - | - | 111.6 | - | - | - | - | 1,061.9 | - |
| December 2020 | W | W | - | 94.9 | - | W | W | - | 864.6 | - |
| District of Columbia | | | | | | | | | | |
| December 2021 | - | - | - | - | - | - | - | - | - | - |
| November 2021 | - | - | - | - | - | - | - | - | - | - |
| December 2020 | - | - | - | - | - | - | - | - | - | - |
| Maryland | | | | | | | | | | |
| December 2021 | - | - | - | 537.0 | - | - | - | - | 3,850.9 | - |
| November 2021 | - | - | - | 552.6 | - | - | - | - | 4,079.5 | - |
| December 2020 | - | - | - | 472.6 | - | - | - | - | 3,361.4 | - |
| New Jersey | | | | | | | | | | |
| December 2021 | W | W | W | 1,117.3 | W | W | W | W | W | 1,375.7 |
| November 2021 | W | W | W | W | W | W | W | W | 8,071.0 | W |
| December 2020 | W | W | NA | W | W | W | W | NA | 6,637.4 | 649.5 |
| New York | | | | | | | | | | |
| December 2021 | W | W | W | 1,005.3 | W | W | W | W | 6,956.1 | W |
| November 2021 | W | W | W | 1,024.2 | W | W | W | W | W | W |
| December 2020 | NA | NA | W | W | W | 2,235.0 | 2,235.0 | W | W | W |
| Pennsylvania | | | | | | | | | | |
| December 2021 | W | W | - | W | W | W | W | - | W | W |
| November 2021 | W | W | - | W | W | W | W | - | W | W |
| December 2020 | W | W | - | W | W | W | W | - | W | W |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Regular | | | | | Midgrade | | | | |
|-----------------------|------------------------|----------|------------------|----------|------|------------------------|----------|------------------|-------|------|
| | Sales to end users | | Sales for resale | | | Sales to end users | | Sales for resale | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| Subdistrict 1C | | | | | | | | | | |
| December 2021 | - | 8.9 | - | W | W | - | W | - | 231.4 | - |
| November 2021 | - | 8.5 | - | W | W | - | W | - | 234.8 | - |
| December 2020 | W | W | - | 36,639.9 | - | W | W | - | 294.1 | - |
| Florida | | | | | | | | | | |
| December 2021 | - | W | - | 14,223.2 | - | - | - | - | 100.9 | - |
| November 2021 | - | W | - | W | W | - | - | - | 91.8 | - |
| December 2020 | W | W | - | 12,380.5 | - | W | W | - | 114.3 | - |
| Georgia | | | | | | | | | | |
| December 2021 | - | W | - | 7,554.4 | - | - | - | - | 17.4 | - |
| November 2021 | - | W | - | W | W | - | - | - | 23.5 | - |
| December 2020 | W | W | - | 7,122.9 | - | W | W | - | 30.5 | - |
| North Carolina | | | | | | | | | | |
| December 2021 | - | W | - | 9,050.7 | - | - | - | - | 55.7 | - |
| November 2021 | - | W | - | W | W | - | - | - | 55.2 | - |
| December 2020 | W | W | - | 7,504.2 | - | W | W | - | 75.0 | - |
| South Carolina | | | | | | | | | | |
| December 2021 | - | - | - | W | W | - | W | - | 13.4 | - |
| November 2021 | - | - | - | W | W | - | W | - | 13.4 | - |
| December 2020 | W | W | - | 3,603.7 | - | W | W | - | 23.3 | - |
| Virginia | | | | | | | | | | |
| December 2021 | - | - | - | 5,906.0 | - | - | - | - | 41.8 | - |
| November 2021 | - | - | - | 6,171.7 | - | - | - | - | 47.6 | - |
| December 2020 | - | - | - | 5,299.4 | - | - | - | - | 47.0 | - |
| West Virginia | | | | | | | | | | |
| December 2021 | - | - | - | 756.4 | - | - | - | - | 2.2 | - |
| November 2021 | - | - | - | 628.2 | - | - | - | - | 3.2 | - |
| December 2020 | W | W | - | 729.3 | - | W | W | - | 3.9 | - |
| PAD District 2 | | | | | | | | | | |
| December 2021 | W | 129.8 | - | 79,993.9 | - | W | W | - | 402.0 | - |
| November 2021 | W | 138.3 | - | W | W | W | W | - | 401.3 | - |
| December 2020 | W | W | W | 68,590.3 | W | W | W | - | 324.4 | - |
| Illinois | | | | | | | | | | |
| December 2021 | - | W | - | 9,764.2 | - | - | - | - | 31.6 | - |
| November 2021 | - | W | - | 10,173.0 | - | - | - | - | 33.6 | - |
| December 2020 | W | W | - | W | W | W | W | - | 40.6 | - |
| Indiana | | | | | | | | | | |
| December 2021 | - | W | - | 7,040.8 | - | - | - | - | 27.4 | - |
| November 2021 | - | W | - | 7,092.8 | - | - | - | - | 27.7 | - |
| December 2020 | W | W | - | 5,224.4 | - | W | W | - | 11.4 | - |
| Iowa | | | | | | | | | | |
| December 2021 | - | - | - | 3,023.6 | - | - | - | - | 38.7 | - |
| November 2021 | - | - | - | 3,004.0 | - | - | - | - | 38.8 | - |
| December 2020 | - | - | - | 2,916.7 | - | - | - | - | 46.5 | - |
| Kansas | | | | | | | | | | |
| December 2021 | W | W | - | 4,014.9 | - | W | W | - | 9.0 | - |
| November 2021 | W | W | - | W | W | W | W | - | 9.4 | - |
| December 2020 | W | W | - | 3,725.4 | - | W | W | - | W | - |
| Kentucky | | | | | | | | | | |
| December 2021 | - | W | - | 4,354.7 | - | - | - | - | 9.6 | - |
| November 2021 | - | W | - | 4,443.1 | - | - | - | - | 11.0 | - |
| December 2020 | W | W | - | 3,257.3 | - | W | W | - | 15.3 | - |
| Michigan | | | | | | | | | | |
| December 2021 | - | W | - | 10,730.4 | - | - | - | - | 7.5 | - |
| November 2021 | - | W | - | 11,001.6 | - | - | - | - | 8.9 | - |
| December 2020 | W | W | - | 8,332.6 | - | W | W | - | 9.7 | - |
| Minnesota | | | | | | | | | | |
| December 2021 | W | W | - | 5,282.2 | - | W | W | - | 130.3 | - |
| November 2021 | W | W | - | 5,325.2 | - | W | W | - | 121.0 | - |
| December 2020 | W | W | W | W | - | W | W | - | 43.5 | - |
| Missouri | | | | | | | | | | |
| December 2021 | - | W | - | 3,180.1 | - | - | - | - | 19.9 | - |
| November 2021 | - | W | - | 3,280.9 | - | - | - | - | 23.0 | - |
| December 2020 | - | W | - | 2,763.3 | - | - | - | - | 15.0 | - |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | | All grades | | | | | |
|-----------------------|------------------------|----------|------------------|---------|--------------------|------------------------|------------------|-----|----------|-------|
| | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| Subdistrict 1C | | | | | | | | | | |
| December 2021 | - | W | - | W | W | - | 12.1 | - | W | W |
| November 2021 | - | W | - | W | W | - | 11.8 | - | W | W |
| December 2020 | W | W | - | W | W | W | W | - | W | W |
| Florida | | | | | | | | | | |
| December 2021 | - | - | - | W | W | - | W | - | W | W |
| November 2021 | - | - | - | W | W | - | W | - | W | W |
| December 2020 | W | W | - | 1,958.7 | - | W | W | - | 14,453.4 | - |
| Georgia | | | | | | | | | | |
| December 2021 | - | W | - | 1,001.9 | - | - | 3.0 | - | 8,573.7 | - |
| November 2021 | - | - | - | 1,009.5 | - | - | W | - | W | W |
| December 2020 | W | W | - | 1,003.3 | - | W | W | - | 8,156.7 | - |
| North Carolina | | | | | | | | | | |
| December 2021 | - | - | - | 1,051.1 | - | - | W | - | 10,157.5 | - |
| November 2021 | - | W | - | 1,136.6 | - | - | W | - | W | W |
| December 2020 | W | W | - | 1,035.2 | - | W | W | - | 8,614.4 | - |
| South Carolina | | | | | | | | | | |
| December 2021 | - | - | - | 404.6 | - | - | W | - | W | W |
| November 2021 | - | - | - | 422.9 | - | - | W | - | W | W |
| December 2020 | W | W | - | 421.4 | - | W | W | - | 4,048.4 | - |
| Virginia | | | | | | | | | | |
| December 2021 | - | - | - | 806.5 | - | - | - | - | 6,754.3 | - |
| November 2021 | - | - | - | 847.4 | - | - | - | - | 7,066.7 | - |
| December 2020 | - | - | - | 767.8 | - | - | - | - | 6,114.2 | - |
| West Virginia | | | | | | | | | | |
| December 2021 | - | - | - | W | W | - | - | - | W | W |
| November 2021 | - | - | - | 42.9 | - | - | - | - | 674.2 | - |
| December 2020 | W | W | - | W | W | W | W | - | W | W |
| PAD District 2 | | | | | | | | | | |
| December 2021 | W | W | - | 7,105.7 | 507.2 | W | 146.8 | - | 87,501.6 | 507.2 |
| November 2021 | W | W | - | W | W | W | 155.9 | - | 89,383.4 | 514.9 |
| December 2020 | W | W | W | 6,415.0 | W | W | W | W | 75,329.7 | W |
| Illinois | | | | | | | | | | |
| December 2021 | - | - | - | W | W | - | W | - | W | W |
| November 2021 | - | - | - | W | W | - | W | - | W | W |
| December 2020 | W | W | - | 1,120.0 | - | W | W | - | W | W |
| Indiana | | | | | | | | | | |
| December 2021 | - | - | - | W | W | - | W | - | W | W |
| November 2021 | - | - | - | W | W | - | W | - | W | W |
| December 2020 | W | W | - | 409.5 | - | W | W | - | 5,645.3 | - |
| Iowa | | | | | | | | | | |
| December 2021 | - | - | - | 291.2 | - | - | - | - | 3,353.5 | - |
| November 2021 | - | - | - | 286.5 | - | - | - | - | 3,329.3 | - |
| December 2020 | - | - | - | 288.4 | - | - | - | - | 3,251.6 | - |
| Kansas | | | | | | | | | | |
| December 2021 | - | - | - | W | W | W | W | - | W | W |
| November 2021 | - | - | - | W | W | W | W | - | 4,303.2 | 93.8 |
| December 2020 | - | - | - | W | W | W | W | - | 4,088.7 | 156.7 |
| Kentucky | | | | | | | | | | |
| December 2021 | - | W | - | 288.0 | - | - | W | - | 4,652.3 | - |
| November 2021 | - | W | - | 301.9 | - | - | W | - | 4,756.0 | - |
| December 2020 | W | W | - | 233.0 | - | W | W | - | 3,505.6 | - |
| Michigan | | | | | | | | | | |
| December 2021 | - | W | - | 684.8 | - | - | W | - | 11,422.7 | - |
| November 2021 | - | W | - | 709.7 | - | - | W | - | 11,720.2 | - |
| December 2020 | W | W | - | 572.8 | - | W | W | - | 8,915.1 | - |
| Minnesota | | | | | | | | | | |
| December 2021 | W | W | - | W | W | W | W | - | W | W |
| November 2021 | W | W | - | W | W | W | W | - | W | W |
| December 2020 | W | W | W | W | W | W | W | W | 4,522.3 | W |
| Missouri | | | | | | | | | | |
| December 2021 | - | W | - | 308.9 | - | - | W | - | 3,508.9 | - |
| November 2021 | - | W | - | 279.8 | - | - | W | - | 3,583.7 | - |
| December 2020 | - | - | - | 265.9 | - | - | W | - | 3,044.2 | - |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Regular | | | | Midgrade | | | | |
|-------------------------------|------------------------|----------|------------------|----------|--------------------|------------------------|------------------|-----|-------|
| | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack |
| PAD District 2 (cont.) | | | | | | | | | |
| Nebraska | | | | | | | | | |
| December 2021 | W | W | - | 1,581.1 | - | W | W | - | 11.7 |
| November 2021 | W | W | - | 1,579.0 | - | W | W | - | 10.8 |
| December 2020 | W | W | - | 1,347.1 | - | W | W | - | 11.3 |
| North Dakota | | | | | | | | | |
| December 2021 | W | W | - | 756.3 | - | W | W | - | 14.5 |
| November 2021 | W | W | - | 798.5 | - | W | W | - | 12.4 |
| December 2020 | W | W | - | 699.9 | - | W | W | - | 14.5 |
| Ohio | | | | | | | | | |
| December 2021 | W | 22.4 | - | 11,300.5 | - | W | W | - | 18.8 |
| November 2021 | W | 21.9 | - | 11,590.2 | - | W | W | - | 21.3 |
| December 2020 | W | W | - | 8,872.5 | - | W | W | - | 17.4 |
| Oklahoma | | | | | | | | | |
| December 2021 | W | W | - | 3,831.3 | - | W | W | - | 1.6 |
| November 2021 | W | W | - | W | W | W | W | - | 1.1 |
| December 2020 | W | W | - | 3,688.7 | - | W | W | - | 1.3 |
| South Dakota | | | | | | | | | |
| December 2021 | W | W | - | 1,019.6 | - | W | W | - | 14.0 |
| November 2021 | W | W | - | 1,068.2 | - | W | W | - | 12.4 |
| December 2020 | W | W | - | 893.6 | - | W | W | - | 13.4 |
| Tennessee | | | | | | | | | |
| December 2021 | - | W | - | 8,783.1 | - | - | - | - | 39.4 |
| November 2021 | - | W | - | 9,121.7 | - | - | - | - | 40.0 |
| December 2020 | W | W | - | 8,175.3 | - | W | W | - | 44.9 |
| Wisconsin | | | | | | | | | |
| December 2021 | - | - | - | 5,331.0 | - | - | - | - | 28.1 |
| November 2021 | - | - | - | 5,490.3 | - | - | - | - | 30.0 |
| December 2020 | W | W | - | 4,998.4 | - | W | W | - | W |
| PAD District 3 | | | | | | | | | |
| December 2021 | W | W | 542.6 | 47,930.8 | 4,505.2 | - | - | W | W |
| November 2021 | W | W | 498.0 | 48,777.7 | 4,235.1 | - | - | W | W |
| December 2020 | W | W | 60.4 | 45,195.6 | 2,430.7 | W | W | - | 191.3 |
| Alabama | | | | | | | | | |
| December 2021 | - | W | - | 4,657.0 | - | - | - | - | 17.6 |
| November 2021 | - | W | - | 4,739.9 | - | - | - | - | 17.9 |
| December 2020 | W | W | - | 4,563.1 | - | W | W | - | 20.4 |
| Arkansas | | | | | | | | | |
| December 2021 | - | - | - | 2,976.1 | - | - | - | - | 9.5 |
| November 2021 | - | - | - | 3,061.9 | - | - | - | - | 10.7 |
| December 2020 | - | - | - | 2,801.6 | - | - | - | - | 11.3 |
| Louisiana | | | | | | | | | |
| December 2021 | - | W | - | W | W | - | - | - | 5.1 |
| November 2021 | - | W | - | W | W | - | - | - | 5.2 |
| December 2020 | - | W | - | 5,340.8 | 1,732.8 | - | - | - | 9.4 |
| Mississippi | | | | | | | | | |
| December 2021 | - | - | W | W | W | - | - | - | 13.5 |
| November 2021 | - | - | W | W | W | - | - | - | 13.1 |
| December 2020 | - | - | - | W | W | - | - | - | 14.6 |
| New Mexico | | | | | | | | | |
| December 2021 | W | W | W | W | W | - | - | W | W |
| November 2021 | W | W | W | W | W | - | - | W | W |
| December 2020 | W | W | W | W | W | - | W | - | 5.7 |
| Texas | | | | | | | | | |
| December 2021 | W | W | W | 31,109.5 | W | - | - | - | 99.4 |
| November 2021 | W | W | W | 31,513.9 | W | - | - | - | 98.7 |
| December 2020 | W | W | W | 28,812.9 | W | W | - | - | 130.0 |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | | All grades | | | | | |
|-------------------------------|------------------------|----------|------------------|---------|--------------------|------------------------|------------------|-------|----------|---------|
| | Sales to end users | | Sales for resale | | Sales to end users | | Sales for resale | | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| PAD District 2 (cont.) | | | | | | | | | | |
| Nebraska | | | | | | | | | | |
| December 2021 | - | - | - | 159.5 | - | W | W | - | 1,752.3 | - |
| November 2021 | - | - | - | 149.5 | - | W | W | - | 1,739.3 | - |
| December 2020 | - | - | - | 153.9 | - | W | W | - | 1,512.3 | - |
| North Dakota | | | | | | | | | | |
| December 2021 | W | W | - | 91.8 | - | W | W | - | 862.6 | - |
| November 2021 | W | W | - | 98.7 | - | W | W | - | 909.6 | - |
| December 2020 | W | W | - | 93.5 | - | W | W | - | 807.9 | - |
| Ohio | | | | | | | | | | |
| December 2021 | W | W | - | 831.1 | - | W | W | - | 12,150.4 | - |
| November 2021 | W | W | - | 811.9 | - | W | 23.9 | - | 12,423.5 | - |
| December 2020 | W | W | - | W | W | W | W | - | W | W |
| Oklahoma | | | | | | | | | | |
| December 2021 | W | W | - | 430.7 | 377.3 | W | W | - | 4,263.7 | 377.3 |
| November 2021 | W | W | - | W | W | W | W | - | 4,419.5 | 319.9 |
| December 2020 | W | W | - | 426.8 | 304.8 | W | W | - | 4,116.8 | 304.8 |
| South Dakota | | | | | | | | | | |
| December 2021 | W | W | - | 97.8 | - | W | W | - | 1,131.5 | - |
| November 2021 | W | W | - | 96.6 | - | W | W | - | 1,177.1 | - |
| December 2020 | W | W | - | 95.7 | - | W | W | - | 1,002.8 | - |
| Tennessee | | | | | | | | | | |
| December 2021 | - | W | - | 866.2 | - | - | W | - | 9,688.6 | - |
| November 2021 | - | W | - | 895.2 | - | - | W | - | 10,056.9 | - |
| December 2020 | W | W | - | 869.1 | - | W | W | - | 9,089.3 | - |
| Wisconsin | | | | | | | | | | |
| December 2021 | - | - | - | 469.7 | - | - | - | - | 5,828.8 | - |
| November 2021 | - | - | - | 475.6 | - | - | - | - | 5,995.9 | - |
| December 2020 | W | W | - | W | - | W | W | - | 5,489.5 | - |
| PAD District 3 | | | | | | | | | | |
| December 2021 | W | W | W | W | 539.3 | W | W | 641.4 | 53,811.8 | 5,044.4 |
| November 2021 | W | W | W | W | 822.7 | W | W | 581.9 | 54,840.1 | 5,057.8 |
| December 2020 | W | 72.8 | 12.8 | 5,609.6 | 349.2 | W | 811.7 | 73.3 | 50,996.6 | 2,779.8 |
| Alabama | | | | | | | | | | |
| December 2021 | - | W | - | 467.8 | - | - | W | - | 5,142.5 | - |
| November 2021 | - | W | - | 461.0 | - | - | W | - | 5,218.8 | - |
| December 2020 | W | NA | - | 462.6 | - | W | W | - | 5,046.1 | - |
| Arkansas | | | | | | | | | | |
| December 2021 | - | - | - | 275.5 | - | - | - | - | 3,261.1 | - |
| November 2021 | - | - | - | 313.8 | - | - | - | - | 3,386.4 | - |
| December 2020 | - | - | - | 276.8 | - | - | - | - | 3,089.6 | - |
| Louisiana | | | | | | | | | | |
| December 2021 | - | - | - | W | W | - | W | - | W | W |
| November 2021 | - | - | - | W | W | - | W | - | W | W |
| December 2020 | - | W | - | W | W | - | W | - | W | W |
| Mississippi | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | W | 2,909.8 | W |
| November 2021 | - | - | W | W | - | - | - | W | W | - |
| December 2020 | - | - | - | W | W | - | - | - | W | W |
| New Mexico | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | W | W | W | - |
| November 2021 | W | W | W | W | - | W | W | W | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Texas | | | | | | | | | | |
| December 2021 | W | W | W | 3,982.6 | W | W | W | W | 35,191.5 | W |
| November 2021 | W | W | W | 4,026.8 | W | W | W | W | 35,639.4 | W |
| December 2020 | W | W | W | 3,807.7 | W | W | W | W | 32,750.6 | W |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Regular | | | | | Midgrade | | | | |
|-----------------------|------------------------|----------|------------------|----------|------|------------------------|----------|------------------|-------|------|
| | Sales to end users | | Sales for resale | | | Sales to end users | | Sales for resale | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| PAD District 4 | | | | | | | | | | |
| December 2021 | W | 210.5 | W | W | - | W | W | - | 87.7 | - |
| November 2021 | W | 209.8 | W | W | - | W | W | - | 89.9 | - |
| December 2020 | 259.1 | 268.7 | W | W | - | 54.1 | 55.2 | - | W | - |
| Colorado | | | | | | | | | | |
| December 2021 | W | W | - | 4,299.1 | - | W | W | - | 30.5 | - |
| November 2021 | W | W | - | 4,282.4 | - | W | W | - | 32.9 | - |
| December 2020 | 135.4 | 138.3 | W | W | - | W | W | - | 23.7 | - |
| Idaho | | | | | | | | | | |
| December 2021 | W | W | - | 1,366.5 | - | - | - | - | 2.1 | - |
| November 2021 | W | W | - | 1,317.4 | - | - | - | - | 2.0 | - |
| December 2020 | W | W | - | 1,297.9 | - | W | W | - | 4.7 | - |
| Montana | | | | | | | | | | |
| December 2021 | W | W | - | 1,132.0 | - | W | W | - | 4.7 | - |
| November 2021 | W | W | - | 1,236.4 | - | W | W | - | 4.4 | - |
| December 2020 | W | W | - | 1,037.2 | - | W | W | - | 5.5 | - |
| Utah | | | | | | | | | | |
| December 2021 | - | W | W | W | - | - | - | - | 39.8 | - |
| November 2021 | - | W | W | W | - | - | - | - | 39.2 | - |
| December 2020 | W | W | W | W | - | W | W | - | 50.4 | - |
| Wyoming | | | | | | | | | | |
| December 2021 | W | 4.3 | W | W | - | W | W | - | 10.6 | - |
| November 2021 | W | 4.4 | W | W | - | W | W | - | 11.4 | - |
| December 2020 | W | 7.0 | - | 682.9 | - | W | W | - | W | - |
| PAD District 5 | | | | | | | | | | |
| December 2021 | 1,395.8 | 1,409.6 | 13,519.7 | W | W | 226.5 | 227.0 | 117.9 | 119.0 | - |
| November 2021 | 1,419.9 | 1,434.7 | 13,913.0 | W | W | 235.5 | 236.1 | 119.8 | 137.8 | - |
| December 2020 | 3,067.1 | 3,093.7 | 10,947.0 | W | W | 467.3 | 467.9 | W | W | - |
| Alaska | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | W | - | W | - |
| November 2021 | W | W | W | 418.7 | - | W | W | - | W | - |
| December 2020 | W | W | W | 356.4 | - | W | W | W | W | - |
| Arizona | | | | | | | | | | |
| December 2021 | - | W | W | W | - | - | - | - | W | - |
| November 2021 | - | W | W | W | - | - | - | - | W | - |
| December 2020 | W | W | 529.5 | 3,846.6 | - | W | W | W | W | - |
| California | | | | | | | | | | |
| December 2021 | W | W | 10,432.8 | 12,374.1 | - | W | W | W | W | - |
| November 2021 | W | W | 10,708.5 | 12,042.4 | - | W | W | W | W | - |
| December 2020 | 2,304.2 | 2,304.8 | 8,439.2 | 10,589.3 | - | 414.2 | 414.3 | W | W | - |
| Hawaii | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | W | W | W | - |
| November 2021 | W | W | W | W | - | NA | W | W | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Nevada | | | | | | | | | | |
| December 2021 | - | W | W | W | - | - | - | - | W | - |
| November 2021 | - | W | W | W | - | - | - | - | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Oregon | | | | | | | | | | |
| December 2021 | W | W | W | 2,718.9 | W | W | W | W | W | - |
| November 2021 | W | W | 624.3 | W | W | W | W | W | W | - |
| December 2020 | 64.9 | 64.9 | 538.2 | 2,622.8 | - | 4.7 | 4.7 | 2.3 | 4.5 | - |
| Washington | | | | | | | | | | |
| December 2021 | 187.6 | 190.5 | 766.5 | 4,778.9 | - | 19.0 | 19.1 | W | W | - |
| November 2021 | 194.5 | 197.8 | 821.2 | 4,693.6 | - | 19.7 | 19.8 | W | W | - |
| December 2020 | NA | NA | 682.1 | 4,058.6 | - | 25.0 | 25.1 | 6.0 | 18.4 | - |

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | | | All grades | | | | |
|-----------------------|------------------------|----------|------------------|---------|------|------------------------|----------|------------------|----------|-------|
| | Sales to end users | | Sales for resale | | | Sales to end users | | Sales for resale | | |
| | Through retail outlets | Total[a] | DTW | Rack | Bulk | Through retail outlets | Total[a] | DTW | Rack | Bulk |
| PAD District 4 | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | 290.4 | W | W | - |
| November 2021 | W | W | W | W | - | W | 286.1 | W | W | - |
| December 2020 | 56.5 | W | W | W | - | 369.7 | W | W | W | - |
| Colorado | | | | | | | | | | |
| December 2021 | W | W | - | 986.7 | - | W | W | - | 5,316.3 | - |
| November 2021 | W | W | - | 974.2 | - | W | W | - | 5,289.5 | - |
| December 2020 | W | W | W | W | - | 201.4 | 204.3 | W | W | - |
| Idaho | | | | | | | | | | |
| December 2021 | W | W | - | 247.4 | - | W | W | - | 1,616.0 | - |
| November 2021 | W | W | - | 239.0 | - | W | W | - | 1,558.5 | - |
| December 2020 | W | W | - | 285.6 | - | W | W | - | 1,588.1 | - |
| Montana | | | | | | | | | | |
| December 2021 | W | W | - | 201.1 | - | W | W | - | 1,337.8 | - |
| November 2021 | W | W | - | 222.0 | - | W | W | - | 1,462.8 | - |
| December 2020 | W | W | - | 220.2 | - | W | W | - | 1,262.8 | - |
| Utah | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | W | W | W | - |
| November 2021 | - | - | W | W | - | - | W | W | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Wyoming | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | 5.1 | W | W | - |
| November 2021 | W | W | W | W | - | W | 5.2 | W | W | - |
| December 2020 | W | W | - | W | - | W | 8.9 | - | 812.6 | - |
| PAD District 5 | | | | | | | | | | |
| December 2021 | 425.0 | 425.4 | 4,054.5 | W | W | 2,047.4 | 2,062.0 | 17,692.1 | 31,932.2 | 227.7 |
| November 2021 | 432.1 | 432.4 | 4,184.4 | W | W | 2,087.5 | 2,103.1 | 18,217.2 | 31,338.2 | 210.1 |
| December 2020 | 856.8 | 858.5 | W | 5,654.5 | W | 4,391.2 | 4,420.1 | W | 28,658.6 | W |
| Alaska | | | | | | | | | | |
| December 2021 | W | W | W | NA | - | W | W | 133.9 | W | - |
| November 2021 | W | W | W | 33.8 | - | W | W | 139.0 | W | - |
| December 2020 | W | W | W | W | - | W | W | W | W | - |
| Arizona | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | W | W | W | - |
| November 2021 | - | - | W | W | - | - | W | W | W | - |
| December 2020 | W | W | W | W | - | W | W | 632.5 | 4,431.2 | - |
| California | | | | | | | | | | |
| December 2021 | W | W | 3,352.5 | W | W | W | W | W | 16,020.9 | W |
| November 2021 | W | W | 3,455.5 | W | W | W | W | W | 15,720.1 | W |
| December 2020 | 736.3 | 736.3 | 3,018.9 | W | W | 3,454.6 | 3,455.4 | W | 14,073.1 | W |
| Hawaii | | | | | | | | | | |
| December 2021 | W | W | W | W | W | W | W | W | W | W |
| November 2021 | W | W | W | W | - | W | W | W | W | W |
| December 2020 | W | W | W | W | W | W | W | W | W | W |
| Nevada | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | W | W | W | - |
| November 2021 | - | - | W | W | - | - | W | W | W | - |
| December 2020 | W | W | W | 349.4 | W | W | W | W | 1,615.2 | W |
| Oregon | | | | | | | | | | |
| December 2021 | W | W | 112.5 | W | W | W | W | W | 3,092.3 | W |
| November 2021 | W | W | 114.8 | 389.0 | - | W | W | W | 3,221.9 | W |
| December 2020 | 10.9 | 10.9 | 106.7 | 376.3 | - | 80.5 | 80.5 | 647.2 | 3,003.6 | - |
| Washington | | | | | | | | | | |
| December 2021 | 27.5 | 27.5 | 186.2 | W | W | 234.0 | 237.2 | W | 5,813.1 | W |
| November 2021 | 28.3 | 28.4 | 198.0 | W | W | 242.4 | 246.0 | W | 5,636.5 | W |
| December 2020 | 38.4 | 38.5 | 179.7 | 882.8 | 22.4 | NA | NA | 867.8 | 4,959.7 | 22.4 |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

| Geographic area month | Conventional | | | | |
|-----------------------------|------------------------|----------|----------|------------------|-----------|
| | Sales to end users | | Total[a] | Sales for resale | |
| | Through retail outlets | Total | | DTW | Rack |
| United States | | | | | |
| December 2021 | W | W | | W | 189,876.6 |
| November 2021 | W | W | | W | 193,010.4 |
| December 2020 | 11,504.9 | 11,626.3 | | W | 169,165.1 |
| PAD District 1 | | | | | |
| December 2021 | W | W | | W | 51,217.9 |
| November 2021 | W | W | | W | 52,200.3 |
| December 2020 | W | W | | W | 45,101.5 |
| Subdistrict 1A | | | | | |
| December 2021 | - | - | | W | W |
| November 2021 | - | - | | W | W |
| December 2020 | - | - | | W | W |
| Connecticut | | | | | |
| December 2021 | - | - | | - | - |
| November 2021 | - | - | | - | - |
| December 2020 | - | - | | - | - |
| Maine | | | | | |
| December 2021 | - | - | | - | W |
| November 2021 | - | - | | - | W |
| December 2020 | - | - | | - | W |
| Massachusetts | | | | | |
| December 2021 | - | - | | - | - |
| November 2021 | - | - | | - | - |
| December 2020 | - | - | | - | - |
| New Hampshire | | | | | |
| December 2021 | - | - | | W | W |
| November 2021 | - | - | | W | W |
| December 2020 | - | - | | W | - |
| Rhode Island | | | | | |
| December 2021 | - | - | | - | - |
| November 2021 | - | - | | - | - |
| December 2020 | - | - | | - | - |
| Vermont | | | | | |
| December 2021 | - | - | | W | 238.8 |
| November 2021 | - | - | | W | 237.7 |
| December 2020 | - | - | | W | - |
| Subdistrict 1B | | | | | |
| December 2021 | W | W | | W | 2,265.8 |
| November 2021 | W | W | | W | W |
| December 2020 | W | W | | W | 2,087.0 |
| Delaware | | | | | |
| December 2021 | - | - | | - | - |
| November 2021 | - | - | | - | - |
| December 2020 | - | - | | - | - |
| District of Columbia | | | | | |
| December 2021 | - | - | | - | - |
| November 2021 | - | - | | - | - |
| December 2020 | - | - | | - | - |
| Maryland | | | | | |
| December 2021 | - | - | | - | 379.6 |
| November 2021 | - | - | | - | W |
| December 2020 | - | - | | - | W |
| New Jersey | | | | | |
| December 2021 | - | - | | - | W |
| November 2021 | - | - | | - | W |
| December 2020 | - | - | | - | W |
| New York | | | | | |
| December 2021 | W | W | | W | W |
| November 2021 | W | W | | W | W |
| December 2020 | W | W | | W | W |
| Pennsylvania | | | | | |
| December 2021 | W | W | | - | W |
| November 2021 | W | W | | - | W |
| December 2020 | W | W | | - | W |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Reformulated | | | | |
|-----------------------------|------------------------|---|----------|------------------|------|
| | Sales to end users | | Total[a] | Sales for resale | |
| | Through retail outlets | | | DTW | Rack |
| | | | | | Bulk |
| United States | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | W | W |
| December 2020 | 7,051.8 | | 7,069.5 | W | W |
| PAD District 1 | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | W | W |
| December 2020 | W | W | W | NA | W |
| Subdistrict 1A | | | | | |
| December 2021 | - | W | - | 5,487.4 | - |
| November 2021 | - | W | - | 5,498.4 | - |
| December 2020 | W | W | - | 4,202.3 | - |
| Connecticut | | | | | |
| December 2021 | - | W | - | 2,268.8 | - |
| November 2021 | - | W | - | 2,282.9 | - |
| December 2020 | - | W | - | 1,961.5 | - |
| Maine | | | | | |
| December 2021 | - | - | - | W | - |
| November 2021 | - | - | - | W | - |
| December 2020 | - | - | - | W | - |
| Massachusetts | | | | | |
| December 2021 | - | - | - | 2,010.6 | - |
| November 2021 | - | - | - | 1,996.6 | - |
| December 2020 | W | W | - | 1,169.4 | - |
| New Hampshire | | | | | |
| December 2021 | - | - | - | W | - |
| November 2021 | - | - | - | W | - |
| December 2020 | W | W | - | W | - |
| Rhode Island | | | | | |
| December 2021 | - | - | - | W | - |
| November 2021 | - | - | - | W | - |
| December 2020 | W | W | - | 759.5 | - |
| Vermont | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Subdistrict 1B | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | W | W |
| December 2020 | W | W | NA | W | W |
| Delaware | | | | | |
| December 2021 | - | - | - | 1,141.0 | - |
| November 2021 | - | - | - | 1,061.9 | - |
| December 2020 | W | W | - | 864.6 | - |
| District of Columbia | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Maryland | | | | | |
| December 2021 | - | - | - | 3,471.3 | - |
| November 2021 | - | - | - | W | - |
| December 2020 | - | - | - | W | - |
| New Jersey | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | 8,071.0 | W |
| December 2020 | W | W | NA | 6,637.4 | W |
| New York | | | | | |
| December 2021 | W | W | W | W | - |
| November 2021 | W | W | W | W | - |
| December 2020 | W | W | NA | 2,841.4 | - |
| Pennsylvania | | | | | |
| December 2021 | - | - | - | W | W |
| November 2021 | - | - | - | W | W |
| December 2020 | W | W | - | W | W |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | All formulations | | | | |
|-----------------------------|------------------------|----------|----------|-----------|------------------|
| | Sales to end users | | Total[a] | DTW | Sales for resale |
| | Through retail outlets | Total[a] | | Rack | Bulk |
| United States | | | | | |
| December 2021 | 4,288.4 | 4,435.9 | 19,581.1 | 263,725.5 | 9,598.6 |
| November 2021 | 4,391.5 | 4,548.5 | 20,081.4 | 267,716.9 | 10,366.3 |
| December 2020 | 18,556.7 | 18,695.8 | 16,085.4 | 233,663.6 | 6,418.5 |
| PAD District 1 | | | | | |
| December 2021 | W | W | W | W | 3,819.3 |
| November 2021 | W | W | W | W | 4,583.5 |
| December 2020 | 6,086.7 | 6,096.4 | W | W | 2,817.7 |
| Subdistrict 1A | | | | | |
| December 2021 | - | W | W | W | - |
| November 2021 | - | W | W | W | - |
| December 2020 | W | W | W | W | - |
| Connecticut | | | | | |
| December 2021 | - | W | - | 2,268.8 | - |
| November 2021 | - | W | - | 2,282.9 | - |
| December 2020 | - | W | - | 1,961.5 | - |
| Maine | | | | | |
| December 2021 | - | - | - | 592.2 | - |
| November 2021 | - | - | - | 614.9 | - |
| December 2020 | - | - | - | 558.4 | - |
| Massachusetts | | | | | |
| December 2021 | - | - | - | 2,010.6 | - |
| November 2021 | - | - | - | 1,996.6 | - |
| December 2020 | W | W | - | 1,169.4 | - |
| New Hampshire | | | | | |
| December 2021 | - | - | W | W | - |
| November 2021 | - | - | W | W | - |
| December 2020 | W | W | W | W | - |
| Rhode Island | | | | | |
| December 2021 | - | - | - | 931.3 | - |
| November 2021 | - | - | - | 946.2 | - |
| December 2020 | W | W | - | 759.5 | - |
| Vermont | | | | | |
| December 2021 | - | - | W | 238.8 | - |
| November 2021 | - | - | W | 237.7 | - |
| December 2020 | - | - | W | W | - |
| Subdistrict 1B | | | | | |
| December 2021 | W | W | W | 25,090.9 | W |
| November 2021 | W | W | W | 25,680.3 | W |
| December 2020 | 3,404.8 | 3,404.8 | W | 20,534.6 | W |
| Delaware | | | | | |
| December 2021 | - | - | - | 1,141.0 | - |
| November 2021 | - | - | - | 1,061.9 | - |
| December 2020 | W | W | - | 864.6 | - |
| District of Columbia | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Maryland | | | | | |
| December 2021 | - | - | - | 3,850.9 | - |
| November 2021 | - | - | - | 4,079.5 | - |
| December 2020 | - | - | - | 3,361.4 | - |
| New Jersey | | | | | |
| December 2021 | W | W | W | W | 1,375.7 |
| November 2021 | W | W | W | 8,071.0 | W |
| December 2020 | W | W | NA | 6,637.4 | 649.5 |
| New York | | | | | |
| December 2021 | W | W | W | 6,956.1 | W |
| November 2021 | W | W | W | W | W |
| December 2020 | 2,235.0 | 2,235.0 | W | W | W |
| Pennsylvania | | | | | |
| December 2021 | W | W | - | W | W |
| November 2021 | W | W | - | W | W |
| December 2020 | W | W | - | W | W |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Conventional | | | | |
|-----------------------|------------------------|--|----------|-----|------------------|
| | Sales to end users | | Total[a] | DTW | Sales for resale |
| | Through retail outlets | | | | Rack |
| Subdistrict 1C | | | | | |
| December 2021 | - | | 12.1 | - | W |
| November 2021 | - | | 11.8 | - | W |
| December 2020 | W | | W | - | W |
| Florida | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 14,453.4 |
| Georgia | | | | | |
| December 2021 | - | | 3.0 | - | 8,573.7 |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 8,156.7 |
| North Carolina | | | | | |
| December 2021 | - | | W | - | 10,157.5 |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 8,614.4 |
| South Carolina | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 4,048.4 |
| Virginia | | | | | |
| December 2021 | - | | - | - | 2,975.3 |
| November 2021 | - | | - | - | 3,079.2 |
| December 2020 | - | | - | - | 2,709.0 |
| West Virginia | | | | | |
| December 2021 | - | | - | - | W |
| November 2021 | - | | - | - | 674.2 |
| December 2020 | W | | W | - | W |
| PAD District 2 | | | | | |
| December 2021 | W | | W | - | 75,419.8 |
| November 2021 | W | | W | - | 76,816.4 |
| December 2020 | W | | W | W | W |
| Illinois | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 3,591.2 |
| Indiana | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 4,752.4 |
| Iowa | | | | | |
| December 2021 | - | | - | - | 3,353.5 |
| November 2021 | - | | - | - | 3,329.3 |
| December 2020 | - | | - | - | 3,251.6 |
| Kansas | | | | | |
| December 2021 | W | | W | - | W |
| November 2021 | W | | W | - | 4,303.2 |
| December 2020 | W | | W | - | 4,088.7 |
| Kentucky | | | | | |
| December 2021 | - | | W | - | 3,855.9 |
| November 2021 | - | | W | - | 3,929.1 |
| December 2020 | W | | W | - | W |
| Michigan | | | | | |
| December 2021 | - | | W | - | 11,422.7 |
| November 2021 | - | | W | - | 11,720.2 |
| December 2020 | W | | W | - | 8,915.1 |
| Minnesota | | | | | |
| December 2021 | W | | W | - | W |
| November 2021 | W | | W | - | W |
| December 2020 | W | | W | W | 4,522.3 |
| Missouri | | | | | |
| December 2021 | - | | W | - | 3,044.8 |
| November 2021 | - | | W | - | 3,117.2 |
| December 2020 | - | | W | - | W |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Reformulated | | | Sales for resale | Bulk |
|-----------------------|------------------------|---|----------|------------------|------|
| | Sales to end users | | Total[a] | | |
| | Through retail outlets | | | | |
| Subdistrict 1C | | | | | |
| December 2021 | - | - | - | 3,779.0 | - |
| November 2021 | - | - | - | 3,987.5 | - |
| December 2020 | - | - | - | 3,405.2 | - |
| Florida | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Georgia | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| North Carolina | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| South Carolina | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Virginia | | | | | |
| December 2021 | - | - | - | 3,779.0 | - |
| November 2021 | - | - | - | 3,987.5 | - |
| December 2020 | - | - | - | 3,405.2 | - |
| West Virginia | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| PAD District 2 | | | | | |
| December 2021 | - | W | - | 12,081.8 | - |
| November 2021 | - | W | - | 12,567.0 | - |
| December 2020 | W | W | - | W | W |
| Illinois | | | | | |
| December 2021 | - | W | - | 7,346.3 | - |
| November 2021 | - | W | - | 7,795.7 | - |
| December 2020 | W | W | - | W | W |
| Indiana | | | | | |
| December 2021 | - | W | - | 1,497.6 | - |
| November 2021 | - | W | - | 1,562.5 | - |
| December 2020 | W | W | - | 892.8 | - |
| Iowa | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Kansas | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Kentucky | | | | | |
| December 2021 | - | W | - | 796.5 | - |
| November 2021 | - | W | - | 826.9 | - |
| December 2020 | W | W | - | W | - |
| Michigan | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Minnesota | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Missouri | | | | | |
| December 2021 | - | - | - | 464.1 | - |
| November 2021 | - | - | - | 466.5 | - |
| December 2020 | - | - | - | W | - |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | All formulations | | | | |
|-----------------------|------------------------|--|----------|-----|------------------|
| | Sales to end users | | Total[a] | DTW | Sales for resale |
| | Through retail outlets | | | | Rack |
| Subdistrict 1C | | | | | |
| December 2021 | - | | 12.1 | - | W |
| November 2021 | - | | 11.8 | - | W |
| December 2020 | W | | W | - | W |
| Florida | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 14,453.4 |
| Georgia | | | | | |
| December 2021 | - | | 3.0 | - | 8,573.7 |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 8,156.7 |
| North Carolina | | | | | |
| December 2021 | - | | W | - | 10,157.5 |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 8,614.4 |
| South Carolina | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 4,048.4 |
| Virginia | | | | | |
| December 2021 | - | | - | - | 6,754.3 |
| November 2021 | - | | - | - | 7,066.7 |
| December 2020 | - | | - | - | 6,114.2 |
| West Virginia | | | | | |
| December 2021 | - | | - | - | W |
| November 2021 | - | | - | - | 674.2 |
| December 2020 | W | | W | - | W |
| PAD District 2 | | | | | |
| December 2021 | W | | 146.8 | - | 87,501.6 |
| November 2021 | W | | 155.9 | - | 89,383.4 |
| December 2020 | W | | W | W | 75,329.7 |
| Illinois | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | W |
| Indiana | | | | | |
| December 2021 | - | | W | - | W |
| November 2021 | - | | W | - | W |
| December 2020 | W | | W | - | 5,645.3 |
| Iowa | | | | | |
| December 2021 | - | | - | - | 3,353.5 |
| November 2021 | - | | - | - | 3,329.3 |
| December 2020 | - | | - | - | 3,251.6 |
| Kansas | | | | | |
| December 2021 | W | | W | - | W |
| November 2021 | W | | W | - | 4,303.2 |
| December 2020 | W | | W | - | 4,088.7 |
| Kentucky | | | | | |
| December 2021 | - | | W | - | 4,652.3 |
| November 2021 | - | | W | - | 4,756.0 |
| December 2020 | W | | W | - | 3,505.6 |
| Michigan | | | | | |
| December 2021 | - | | W | - | 11,422.7 |
| November 2021 | - | | W | - | 11,720.2 |
| December 2020 | W | | W | - | 8,915.1 |
| Minnesota | | | | | |
| December 2021 | W | | W | - | W |
| November 2021 | W | | W | - | W |
| December 2020 | W | | W | W | 4,522.3 |
| Missouri | | | | | |
| December 2021 | - | | W | - | 3,508.9 |
| November 2021 | - | | W | - | 3,583.7 |
| December 2020 | - | | W | - | 3,044.2 |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Conventional | | | | |
|-------------------------------|------------------------|------|----------|------------------|-------|
| | Sales to end users | | Total[a] | Sales for resale | |
| | Through retail outlets | DTW | | Rack | Bulk |
| PAD District 2 (cont.) | | | | | |
| Nebraska | | | | | |
| December 2021 | W | W | - | 1,752.3 | - |
| November 2021 | W | W | - | 1,739.3 | - |
| December 2020 | W | W | - | 1,512.3 | - |
| North Dakota | | | | | |
| December 2021 | W | W | - | 862.6 | - |
| November 2021 | W | W | - | 909.6 | - |
| December 2020 | W | W | - | 807.9 | - |
| Ohio | | | | | |
| December 2021 | W | W | - | 12,150.4 | - |
| November 2021 | W | 23.9 | - | 12,423.5 | - |
| December 2020 | W | W | - | W | W |
| Oklahoma | | | | | |
| December 2021 | W | W | - | 4,263.7 | 377.3 |
| November 2021 | W | W | - | 4,419.5 | 319.9 |
| December 2020 | W | W | - | 4,116.8 | 304.8 |
| South Dakota | | | | | |
| December 2021 | W | W | - | 1,131.5 | - |
| November 2021 | W | W | - | 1,177.1 | - |
| December 2020 | W | W | - | 1,002.8 | - |
| Tennessee | | | | | |
| December 2021 | - | W | - | 9,688.6 | - |
| November 2021 | - | W | - | 10,056.9 | - |
| December 2020 | W | W | - | 9,089.3 | - |
| Wisconsin | | | | | |
| December 2021 | - | - | - | 3,851.5 | - |
| November 2021 | - | - | - | 4,080.6 | - |
| December 2020 | W | W | - | 3,785.3 | - |
| PAD District 3 | | | | | |
| Alabama | | | | | |
| December 2021 | W | W | 641.4 | W | W |
| November 2021 | W | W | 581.9 | W | W |
| December 2020 | W | W | 73.3 | W | W |
| Arkansas | | | | | |
| December 2021 | - | - | - | 3,261.1 | - |
| November 2021 | - | - | - | 3,386.4 | - |
| December 2020 | - | - | - | 3,089.6 | - |
| Louisiana | | | | | |
| December 2021 | - | W | - | W | W |
| November 2021 | - | W | - | W | W |
| December 2020 | - | W | - | W | W |
| Mississippi | | | | | |
| December 2021 | - | - | W | 2,909.8 | W |
| November 2021 | - | - | W | W | - |
| December 2020 | - | - | - | W | W |
| New Mexico | | | | | |
| December 2021 | W | W | W | W | - |
| November 2021 | W | W | W | W | - |
| December 2020 | W | W | W | W | - |
| Texas | | | | | |
| December 2021 | W | W | W | W | 566.7 |
| November 2021 | W | W | W | W | W |
| December 2020 | W | W | W | W | W |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Reformulated | | |
|-------------------------------|------------------------|----------|------------------|
| | Sales to end users | Total[a] | Sales for resale |
| | Through retail outlets | DTW | Rack |
| PAD District 2 (cont.) | | | |
| Nebraska | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| North Dakota | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| Ohio | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| Oklahoma | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| South Dakota | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| Tennessee | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| Wisconsin | | | |
| December 2021 | - | - | 1,977.3 |
| November 2021 | - | - | 1,915.3 |
| December 2020 | W | W | 1,704.2 |
| PAD District 3 | | | |
| Alabama | | | |
| December 2021 | - | - | W |
| November 2021 | - | - | W |
| December 2020 | W | W | W |
| Arkansas | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| Louisiana | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | W |
| Mississippi | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| New Mexico | | | |
| December 2021 | - | - | - |
| November 2021 | - | - | - |
| December 2020 | - | - | - |
| Texas | | | |
| December 2021 | - | - | W |
| November 2021 | - | - | W |
| December 2020 | W | W | W |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | All formulations | | | | | |
|-------------------------------|------------------------|-------|----------|----------|---------|------|
| | Sales to end users | | Total[a] | DTW | Rack | Bulk |
| | Through retail outlets | Total | | | | |
| PAD District 2 (cont.) | | | | | | |
| Nebraska | | | | | | |
| December 2021 | W | W | - | 1,752.3 | - | - |
| November 2021 | W | W | - | 1,739.3 | - | - |
| December 2020 | W | W | - | 1,512.3 | - | - |
| North Dakota | | | | | | |
| December 2021 | W | W | - | 862.6 | - | - |
| November 2021 | W | W | - | 909.6 | - | - |
| December 2020 | W | W | - | 807.9 | - | - |
| Ohio | | | | | | |
| December 2021 | W | W | - | 12,150.4 | - | - |
| November 2021 | W | 23.9 | - | 12,423.5 | - | - |
| December 2020 | W | W | - | W | W | W |
| Oklahoma | | | | | | |
| December 2021 | W | W | - | 4,263.7 | 377.3 | - |
| November 2021 | W | W | - | 4,419.5 | 319.9 | - |
| December 2020 | W | W | - | 4,116.8 | 304.8 | - |
| South Dakota | | | | | | |
| December 2021 | W | W | - | 1,131.5 | - | - |
| November 2021 | W | W | - | 1,177.1 | - | - |
| December 2020 | W | W | - | 1,002.8 | - | - |
| Tennessee | | | | | | |
| December 2021 | - | W | - | 9,688.6 | - | - |
| November 2021 | - | W | - | 10,056.9 | - | - |
| December 2020 | W | W | - | 9,089.3 | - | - |
| Wisconsin | | | | | | |
| December 2021 | - | - | - | 5,828.8 | - | - |
| November 2021 | - | - | - | 5,995.9 | - | - |
| December 2020 | W | W | - | 5,489.5 | - | - |
| PAD District 3 | | | | | | |
| December 2021 | W | W | 641.4 | 53,811.8 | 5,044.4 | - |
| November 2021 | W | W | 581.9 | 54,840.1 | 5,057.8 | - |
| December 2020 | W | 811.7 | 73.3 | 50,996.6 | 2,779.8 | - |
| Alabama | | | | | | |
| December 2021 | - | W | - | 5,142.5 | - | - |
| November 2021 | - | W | - | 5,218.8 | - | - |
| December 2020 | W | W | - | 5,046.1 | - | - |
| Arkansas | | | | | | |
| December 2021 | - | - | - | 3,261.1 | - | - |
| November 2021 | - | - | - | 3,386.4 | - | - |
| December 2020 | - | - | - | 3,089.6 | - | - |
| Louisiana | | | | | | |
| December 2021 | - | W | - | W | W | W |
| November 2021 | - | W | - | W | W | W |
| December 2020 | - | W | - | W | W | W |
| Mississippi | | | | | | |
| December 2021 | - | - | W | 2,909.8 | W | - |
| November 2021 | - | - | W | W | - | - |
| December 2020 | - | - | - | W | W | - |
| New Mexico | | | | | | |
| December 2021 | W | W | W | W | W | - |
| November 2021 | W | W | W | W | W | - |
| December 2020 | W | W | W | W | W | - |
| Texas | | | | | | |
| December 2021 | W | W | W | 35,191.5 | W | - |
| November 2021 | W | W | W | 35,639.4 | W | - |
| December 2020 | W | W | W | 32,750.6 | W | - |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Conventional | | | | |
|-----------------------|------------------------|-------|----------|-----|------------------|
| | Sales to end users | | Total[a] | DTW | Sales for resale |
| | Through retail outlets | | | | Rack |
| PAD District 4 | | | | | |
| December 2021 | W | 290.4 | | W | W |
| November 2021 | W | 286.1 | | W | W |
| December 2020 | 369.7 | W | | W | W |
| Colorado | | | | | |
| December 2021 | W | W | - | | 5,316.3 |
| November 2021 | W | W | - | | 5,289.5 |
| December 2020 | 201.4 | 204.3 | W | | W |
| Idaho | | | | | |
| December 2021 | W | W | - | | 1,616.0 |
| November 2021 | W | W | - | | 1,558.5 |
| December 2020 | W | W | - | | 1,588.1 |
| Montana | | | | | |
| December 2021 | W | W | - | | 1,337.8 |
| November 2021 | W | W | - | | 1,462.8 |
| December 2020 | W | W | - | | 1,262.8 |
| Utah | | | | | |
| December 2021 | - | W | W | | W |
| November 2021 | - | W | W | | W |
| December 2020 | W | W | W | | W |
| Wyoming | | | | | |
| December 2021 | W | 5.1 | W | | W |
| November 2021 | W | 5.2 | W | | W |
| December 2020 | W | 8.9 | - | | 812.6 |
| PAD District 5 | | | | | |
| December 2021 | W | W | W | | W |
| November 2021 | W | W | W | | W |
| December 2020 | 936.6 | 963.6 | 2,723.7 | W | W |
| Alaska | | | | | |
| December 2021 | W | W | 133.9 | | W |
| November 2021 | W | W | 139.0 | | W |
| December 2020 | W | W | W | | W |
| Arizona | | | | | |
| December 2021 | - | W | W | | 1,824.4 |
| November 2021 | - | W | W | | 1,802.5 |
| December 2020 | W | W | W | | 1,761.9 |
| California | | | | | |
| December 2021 | - | - | - | | W |
| November 2021 | - | - | - | | W |
| December 2020 | - | - | - | | W |
| Hawaii | | | | | |
| December 2021 | W | W | W | | W |
| November 2021 | W | W | W | | W |
| December 2020 | W | W | W | | W |
| Nevada | | | | | |
| December 2021 | - | W | W | | W |
| November 2021 | - | W | W | | W |
| December 2020 | W | W | W | | 1,615.2 |
| Oregon | | | | | |
| December 2021 | W | W | W | | 3,092.3 |
| November 2021 | W | W | W | | 3,221.9 |
| December 2020 | 80.5 | 80.5 | 647.2 | | 3,003.6 |
| Washington | | | | | |
| December 2021 | 234.0 | 237.2 | W | | 5,813.1 |
| November 2021 | 242.4 | 246.0 | W | | 5,636.5 |
| December 2020 | NA | NA | 867.8 | | 4,959.7 |
| | | | | | 22.4 |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Reformulated | | | | |
|-----------------------|------------------------|---------|----------|------------------|---------|
| | Sales to end users | | Total[a] | Sales for resale | |
| | Through retail outlets | Total | | DTW | Rack |
| PAD District 4 | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Colorado | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Idaho | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Montana | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Utah | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Wyoming | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| PAD District 5 | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | W | W |
| December 2020 | 3,454.6 | 3,456.5 | W | W | W |
| Alaska | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Arizona | | | | | |
| December 2021 | - | - | - | W | W |
| November 2021 | - | - | - | W | W |
| December 2020 | - | - | W | W | 2,669.4 |
| California | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | W | W |
| December 2020 | 3,454.6 | W | W | W | W |
| Hawaii | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Nevada | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Oregon | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |
| Washington | | | | | |
| December 2021 | - | - | - | - | - |
| November 2021 | - | - | - | - | - |
| December 2020 | - | - | - | - | - |

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | All formulations | | | | |
|-----------------------|------------------------|---------|----------|----------|------------------|
| | Sales to end users | | Total[a] | DTW | Sales for resale |
| | Through retail outlets | | | | Rack |
| PAD District 4 | | | | | |
| December 2021 | W | 290.4 | | W | W |
| November 2021 | W | 286.1 | | W | W |
| December 2020 | 369.7 | W | | W | W |
| Colorado | | | | | |
| December 2021 | W | W | - | | 5,316.3 |
| November 2021 | W | W | - | | 5,289.5 |
| December 2020 | 201.4 | 204.3 | W | | W |
| Idaho | | | | | |
| December 2021 | W | W | - | | 1,616.0 |
| November 2021 | W | W | - | | 1,558.5 |
| December 2020 | W | W | - | | 1,588.1 |
| Montana | | | | | |
| December 2021 | W | W | - | | 1,337.8 |
| November 2021 | W | W | - | | 1,462.8 |
| December 2020 | W | W | - | | 1,262.8 |
| Utah | | | | | |
| December 2021 | - | W | W | | W |
| November 2021 | - | W | W | | W |
| December 2020 | W | W | W | | W |
| Wyoming | | | | | |
| December 2021 | W | 5.1 | W | | W |
| November 2021 | W | 5.2 | W | | W |
| December 2020 | W | 8.9 | - | | 812.6 |
| PAD District 5 | | | | | |
| December 2021 | 2,047.4 | 2,062.0 | 17,692.1 | 31,932.2 | 227.7 |
| November 2021 | 2,087.5 | 2,103.1 | 18,217.2 | 31,338.2 | 210.1 |
| December 2020 | 4,391.2 | 4,420.1 | W | 28,658.6 | W |
| Alaska | | | | | |
| December 2021 | W | W | 133.9 | W | - |
| November 2021 | W | W | 139.0 | W | - |
| December 2020 | W | W | W | W | - |
| Arizona | | | | | |
| December 2021 | - | W | W | | W |
| November 2021 | - | W | W | | W |
| December 2020 | W | W | 632.5 | 4,431.2 | - |
| California | | | | | |
| December 2021 | W | W | W | 16,020.9 | W |
| November 2021 | W | W | W | 15,720.1 | W |
| December 2020 | 3,454.6 | 3,455.4 | W | 14,073.1 | W |
| Hawaii | | | | | |
| December 2021 | W | W | W | W | W |
| November 2021 | W | W | W | W | W |
| December 2020 | W | W | W | W | W |
| Nevada | | | | | |
| December 2021 | - | W | W | | W |
| November 2021 | - | W | W | | W |
| December 2020 | W | W | W | 1,615.2 | W |
| Oregon | | | | | |
| December 2021 | W | W | W | 3,092.3 | W |
| November 2021 | W | W | W | 3,221.9 | W |
| December 2020 | 80.5 | 80.5 | 647.2 | 3,003.6 | - |
| Washington | | | | | |
| December 2021 | 234.0 | 237.2 | W | 5,813.1 | W |
| November 2021 | 242.4 | 246.0 | W | 5,636.5 | W |
| December 2020 | NA | NA | 867.8 | 4,959.7 | 22.4 |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state
thousand gallons per day

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | | No. 1 distillate | | Propane (consumer grade) | |
|-----------------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| United States | | | | | | | | | | |
| December 2021 | W | 364.5 | 32,228.5 | 30,118.8 | 1.4 | 999.7 | 165.5 | 2,523.7 | 3,535.5 | 29,012.3 |
| November 2021 | 3.3 | 426.6 | 30,396.5 | 27,831.9 | 0.6 | 1,055.9 | 146.1 | 2,039.9 | 2,671.7 | 28,133.6 |
| December 2020 | 4.0 | 336.6 | 24,133.5 | 22,485.6 | W | 1,043.5 | 105.1 | 2,194.1 | 3,540.4 | 31,042.0 |
| PAD District 1 | | | | | | | | | | |
| December 2021 | W | 108.4 | 4,997.1 | 7,310.0 | W | 269.4 | - | W | - | 5,536.9 |
| November 2021 | 0.9 | 123.5 | 4,221.3 | 6,253.5 | W | 323.1 | - | W | - | 4,714.6 |
| December 2020 | W | 94.7 | 3,426.7 | 3,444.4 | W | 471.8 | - | W | - | 6,431.8 |
| Subdistrict 1A | | | | | | | | | | |
| December 2021 | W | W | 338.9 | 567.5 | - | - | - | - | - | 592.5 |
| November 2021 | W | W | 351.8 | 427.0 | - | - | - | - | - | 433.6 |
| December 2020 | W | W | 116.5 | 277.6 | W | - | - | - | - | 997.7 |
| Connecticut | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | W |
| November 2021 | - | - | W | 87.6 | - | - | - | - | - | W |
| December 2020 | - | - | W | W | - | - | - | - | - | W |
| Maine | | | | | | | | | | |
| December 2021 | W | W | W | W | - | - | - | - | - | W |
| November 2021 | - | W | W | W | - | - | - | - | - | W |
| December 2020 | - | W | W | W | - | - | - | - | - | W |
| Massachusetts | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | W |
| November 2021 | W | - | W | W | - | - | - | - | - | W |
| December 2020 | W | - | 31.1 | W | W | - | - | - | - | W |
| New Hampshire | | | | | | | | | | |
| December 2021 | - | - | W | - | - | - | - | - | - | W |
| November 2021 | - | - | W | - | - | - | - | - | - | W |
| December 2020 | - | - | W | - | W | - | - | - | - | 165.9 |
| Rhode Island | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | W |
| November 2021 | - | - | W | NA | - | - | - | - | - | W |
| December 2020 | - | - | W | W | W | - | - | - | - | W |
| Vermont | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | W |
| November 2021 | - | - | W | W | - | - | - | - | - | W |
| December 2020 | - | - | W | W | - | - | - | - | - | W |
| Subdistrict 1B | | | | | | | | | | |
| December 2021 | - | W | 2,167.0 | 3,817.0 | W | 171.0 | - | 21.5 | - | 2,262.9 |
| November 2021 | W | W | 1,824.9 | 3,606.2 | W | 255.3 | - | W | - | 1,810.3 |
| December 2020 | - | W | 1,464.2 | 1,812.1 | W | 363.1 | - | 50.9 | - | 2,583.7 |
| Delaware | | | | | | | | | | |
| December 2021 | - | - | - | - | - | - | - | - | - | W |
| November 2021 | - | - | - | - | - | - | - | - | - | W |
| December 2020 | - | - | - | - | W | - | - | - | - | W |
| District of Columbia | | | | | | | | | | |
| December 2021 | - | - | - | - | - | - | - | - | - | - |
| November 2021 | - | - | - | - | - | - | - | - | - | - |
| December 2020 | - | - | - | - | - | - | - | - | - | - |
| Maryland | | | | | | | | | | |
| December 2021 | - | - | W | 80.8 | - | W | - | - | - | W |
| November 2021 | - | - | W | 54.0 | - | W | - | - | - | W |
| December 2020 | - | - | W | 37.8 | - | W | - | - | - | W |
| New Jersey | | | | | | | | | | |
| December 2021 | - | - | 753.8 | 2,295.0 | - | W | - | W | - | 293.5 |
| November 2021 | - | - | 596.0 | 2,300.2 | - | W | - | W | - | 282.8 |
| December 2020 | - | - | 413.9 | 1,605.3 | W | W | - | W | - | 285.9 |
| New York | | | | | | | | | | |
| December 2021 | - | W | 1,105.3 | 110.3 | W | 61.0 | - | W | - | 738.9 |
| November 2021 | - | W | 961.7 | 87.4 | W | 27.6 | - | W | - | 523.6 |
| December 2020 | - | W | 734.8 | 43.8 | W | W | - | W | - | 877.4 |
| Pennsylvania | | | | | | | | | | |
| December 2021 | - | W | W | 1,330.9 | W | W | - | W | - | 1,089.5 |
| November 2021 | W | W | W | 1,164.5 | W | 4.7 | - | W | - | 891.8 |
| December 2020 | - | W | W | 125.2 | W | W | - | W | - | 1,215.2 |

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | | No. 1 distillate | | Propane (consumer grade) | |
|-----------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| Subdistrict 1C | | | | | | | | | | |
| December 2021 | - | 79.6 | 2,491.3 | 2,925.5 | - | 98.3 | - | W | - | 2,681.5 |
| November 2021 | W | 84.6 | 2,044.6 | 2,220.4 | - | 67.8 | - | - | - | 2,470.7 |
| December 2020 | W | W | 1,845.9 | 1,354.7 | W | 108.7 | - | W | - | 2,850.4 |
| Florida | | | | | | | | | | |
| December 2021 | - | 53.3 | W | 2,585.3 | - | - | - | - | - | 386.7 |
| November 2021 | W | 54.4 | W | 1,899.6 | - | - | - | - | - | 370.5 |
| December 2020 | - | W | 1,410.9 | 1,139.5 | W | - | - | - | - | 421.3 |
| Georgia | | | | | | | | | | |
| December 2021 | - | W | W | W | - | W | - | W | - | 535.2 |
| November 2021 | - | W | W | 69.9 | - | W | - | - | - | 511.1 |
| December 2020 | W | W | W | 46.7 | - | W | - | W | - | 575.5 |
| North Carolina | | | | | | | | | | |
| December 2021 | - | W | W | 90.4 | - | W | - | - | - | 808.0 |
| November 2021 | - | W | W | NA | - | 61.5 | - | - | - | 727.9 |
| December 2020 | - | - | W | 60.1 | W | 100.2 | - | - | - | 951.5 |
| South Carolina | | | | | | | | | | |
| December 2021 | - | - | W | 85.5 | - | W | - | - | - | 669.2 |
| November 2021 | - | - | W | 87.0 | - | W | - | - | - | 586.3 |
| December 2020 | - | - | W | W | W | W | - | - | - | 694.6 |
| Virginia | | | | | | | | | | |
| December 2021 | - | W | 234.7 | 93.4 | - | W | - | - | - | W |
| November 2021 | - | W | 200.1 | NA | - | W | - | - | - | W |
| December 2020 | - | W | 237.4 | 62.4 | - | W | - | - | - | W |
| West Virginia | | | | | | | | | | |
| December 2021 | - | - | - | W | - | - | - | - | - | W |
| November 2021 | - | - | - | NA | - | - | - | - | - | W |
| December 2020 | - | - | - | W | W | - | - | - | - | W |
| PAD District 2 | | | | | | | | | | |
| December 2021 | W | 83.4 | 7,279.5 | 4,299.0 | W | W | 10.8 | 1,870.7 | W | 11,827.1 |
| November 2021 | W | 85.4 | 6,447.8 | 4,361.7 | W | W | 9.1 | 1,312.0 | W | 10,368.4 |
| December 2020 | W | W | 6,293.4 | 2,804.9 | W | 104.7 | 18.5 | 1,586.8 | W | 12,567.9 |
| Illinois | | | | | | | | | | |
| December 2021 | - | W | 1,832.7 | W | - | W | W | W | W | 2,312.2 |
| November 2021 | - | W | 1,758.8 | W | - | W | W | 64.9 | W | 1,975.3 |
| December 2020 | W | W | 1,419.7 | W | W | W | W | 76.3 | W | 2,400.5 |
| Indiana | | | | | | | | | | |
| December 2021 | - | - | 789.3 | 168.5 | - | 17.3 | - | W | - | 490.2 |
| November 2021 | - | - | 745.9 | 239.0 | - | 15.8 | - | W | W | 433.6 |
| December 2020 | - | - | 654.2 | 113.4 | W | 13.0 | - | W | - | 786.5 |
| Iowa | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | 211.5 | W | W |
| November 2021 | - | - | W | W | - | - | - | 152.1 | W | W |
| December 2020 | - | - | 24.9 | W | - | - | - | 213.8 | W | W |
| Kansas | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | - | 141.2 | - | 2,344.5 |
| November 2021 | W | W | W | W | - | W | - | 137.7 | - | 2,261.3 |
| December 2020 | W | W | W | W | - | W | - | 137.9 | - | 2,706.5 |
| Kentucky | | | | | | | | | | |
| December 2021 | W | W | W | 424.2 | - | W | - | W | - | 567.3 |
| November 2021 | W | W | W | 471.9 | - | W | W | W | - | 505.4 |
| December 2020 | W | W | W | 212.6 | W | W | - | W | - | 705.3 |
| Michigan | | | | | | | | | | |
| December 2021 | W | - | W | 541.4 | - | W | W | 22.1 | - | 1,165.6 |
| November 2021 | - | - | W | 492.8 | - | W | NA | 19.8 | - | 871.2 |
| December 2020 | W | - | W | 337.4 | W | W | W | 24.0 | - | 980.5 |
| Minnesota | | | | | | | | | | |
| December 2021 | W | W | W | 680.0 | W | W | 4.1 | 459.6 | W | 697.4 |
| November 2021 | W | W | W | 621.1 | W | W | W | 278.4 | W | 478.1 |
| December 2020 | W | W | W | 558.8 | W | W | W | 402.4 | W | 824.3 |
| Missouri | | | | | | | | | | |
| December 2021 | W | W | W | W | - | W | W | 16.4 | W | 379.7 |
| November 2021 | W | - | W | W | - | W | W | 15.4 | W | 343.1 |
| December 2020 | W | - | W | W | - | W | W | 18.4 | W | 500.8 |

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | | No. 1 distillate | | Propane (consumer grade) | |
|-------------------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 2 (cont.) | | | | | | | | | | |
| Nebraska | | | | | | | | | | |
| December 2021 | W | - | W | W | - | - | W | 133.6 | W | W |
| November 2021 | W | - | W | W | - | - | W | 87.3 | W | W |
| December 2020 | W | - | W | W | - | - | W | 119.4 | W | W |
| North Dakota | | | | | | | | | | |
| December 2021 | - | - | W | W | W | W | W | 401.4 | W | 561.2 |
| November 2021 | - | - | W | W | W | - | W | 244.7 | W | 604.8 |
| December 2020 | - | - | W | W | W | W | W | 221.7 | W | 493.1 |
| Ohio | | | | | | | | | | |
| December 2021 | W | W | 465.9 | 371.8 | - | W | - | W | - | 1,226.8 |
| November 2021 | W | W | 401.1 | 345.3 | - | W | - | W | - | 1,253.4 |
| December 2020 | W | - | 318.5 | 173.2 | W | W | - | W | - | 880.5 |
| Oklahoma | | | | | | | | | | |
| December 2021 | W | - | W | 485.5 | - | W | - | W | W | 281.2 |
| November 2021 | W | - | W | 526.8 | - | W | - | W | W | 298.8 |
| December 2020 | W | - | W | 303.9 | - | W | - | W | W | 381.7 |
| South Dakota | | | | | | | | | | |
| December 2021 | - | - | W | - | - | - | W | 143.0 | W | W |
| November 2021 | - | - | W | - | - | - | W | 87.6 | W | W |
| December 2020 | - | - | W | - | - | - | W | 116.5 | W | W |
| Tennessee | | | | | | | | | | |
| December 2021 | W | W | W | 192.0 | - | W | - | W | - | 223.1 |
| November 2021 | W | W | W | 169.6 | - | W | - | W | - | 207.6 |
| December 2020 | - | W | W | 141.5 | - | W | - | W | - | 270.3 |
| Wisconsin | | | | | | | | | | |
| December 2021 | - | - | 64.5 | W | - | W | - | 156.9 | W | 888.4 |
| November 2021 | - | - | 58.6 | W | - | W | - | 117.9 | - | 634.9 |
| December 2020 | - | - | W | W | W | W | W | 152.7 | W | 856.8 |
| PAD District 3 | | | | | | | | | | |
| December 2021 | W | 102.6 | 8,431.0 | 9,510.8 | - | 608.5 | - | W | 3,283.6 | 8,817.2 |
| November 2021 | W | 126.0 | 9,055.3 | 8,921.7 | - | 638.4 | - | W | 2,505.4 | 10,444.9 |
| December 2020 | W | 111.5 | 5,336.4 | 9,937.6 | - | W | - | W | 3,214.8 | 9,145.6 |
| Alabama | | | | | | | | | | |
| December 2021 | - | W | 63.0 | 87.0 | - | W | - | - | - | 298.8 |
| November 2021 | - | W | 95.4 | 104.6 | - | W | - | - | - | 278.1 |
| December 2020 | - | W | 39.6 | 59.9 | - | W | - | - | - | 308.6 |
| Arkansas | | | | | | | | | | |
| December 2021 | W | - | W | W | - | - | - | - | - | W |
| November 2021 | - | W | W | W | - | - | - | - | - | W |
| December 2020 | - | - | W | W | - | - | - | - | - | W |
| Louisiana | | | | | | | | | | |
| December 2021 | W | W | 1,726.2 | 2,184.8 | - | W | - | W | 838.1 | 617.8 |
| November 2021 | W | W | 1,597.4 | 1,530.5 | - | W | - | W | W | 594.9 |
| December 2020 | W | W | 692.5 | 2,959.1 | - | W | - | W | 837.1 | 166.3 |
| Mississippi | | | | | | | | | | |
| December 2021 | - | W | 871.8 | W | - | W | - | - | - | 532.3 |
| November 2021 | - | W | 882.8 | W | - | W | - | - | - | 385.0 |
| December 2020 | - | - | 410.1 | 433.9 | - | W | - | - | - | 971.4 |
| New Mexico | | | | | | | | | | |
| December 2021 | W | - | W | 72.5 | - | - | - | - | - | W |
| November 2021 | W | - | W | 83.2 | - | - | - | - | - | W |
| December 2020 | W | - | W | W | - | - | - | - | - | W |
| Texas | | | | | | | | | | |
| December 2021 | W | 93.4 | 5,707.1 | 6,679.7 | - | W | - | - | 2,445.5 | 7,235.0 |
| November 2021 | W | 114.8 | 6,422.2 | 6,946.3 | - | W | - | W | W | 9,063.4 |
| December 2020 | W | 99.5 | 4,170.1 | 6,419.6 | - | W | - | - | 2,377.7 | 7,502.9 |

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Aviation gasoline | | Kerosene-type jet fuel | | Kerosene | | No. 1 distillate | | Propane (consumer grade) | |
|-----------------------|--------------------|------------------|------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 4 | | | | | | | | | | |
| December 2021 | W | W | 949.8 | 1,254.2 | - | - | W | 237.0 | W | 1,004.4 |
| November 2021 | W | W | 842.6 | 1,107.3 | - | - | W | 156.3 | W | 975.9 |
| December 2020 | W | W | 669.4 | 791.7 | - | - | W | 200.0 | W | 1,190.2 |
| Colorado | | | | | | | | | | |
| December 2021 | W | - | 321.6 | 810.7 | - | - | W | 52.9 | - | 379.7 |
| November 2021 | W | - | 294.9 | 745.9 | - | - | W | 38.8 | - | 330.5 |
| December 2020 | W | - | W | 457.0 | - | - | W | 49.5 | - | 444.4 |
| Idaho | | | | | | | | | | |
| December 2021 | - | - | W | 22.3 | - | - | W | 10.6 | W | W |
| November 2021 | - | - | W | 16.5 | - | - | W | 7.6 | W | W |
| December 2020 | - | - | W | 11.1 | - | - | W | 11.2 | W | W |
| Montana | | | | | | | | | | |
| December 2021 | W | W | W | W | - | - | W | 88.7 | W | 153.8 |
| November 2021 | - | W | W | W | - | - | W | 56.4 | W | 123.4 |
| December 2020 | - | W | W | W | - | - | W | 64.3 | W | 182.4 |
| Utah | | | | | | | | | | |
| December 2021 | - | W | 463.9 | 283.1 | - | - | - | 31.0 | - | W |
| November 2021 | - | W | 404.0 | 247.5 | - | - | - | 17.9 | - | W |
| December 2020 | - | W | 348.7 | 224.4 | - | - | W | 23.2 | - | W |
| Wyoming | | | | | | | | | | |
| December 2021 | W | - | 55.5 | W | - | - | W | 53.7 | - | 346.4 |
| November 2021 | - | - | 49.9 | W | - | - | W | 35.6 | - | 392.3 |
| December 2020 | - | - | 59.6 | W | - | - | - | 51.7 | - | 425.3 |
| PAD District 5 | | | | | | | | | | |
| December 2021 | W | W | 10,571.1 | 7,744.8 | W | W | W | 392.6 | W | 1,826.8 |
| November 2021 | W | W | 9,829.4 | 7,187.8 | W | W | W | 359.7 | W | 1,629.7 |
| December 2020 | W | 59.6 | 8,407.8 | 5,507.0 | W | W | W | 355.0 | W | 1,706.4 |
| Alaska | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | W | W | W | W |
| November 2021 | - | - | W | W | - | - | W | W | W | W |
| December 2020 | W | - | W | W | - | - | W | W | W | W |
| Arizona | | | | | | | | | | |
| December 2021 | W | W | 144.5 | 287.4 | - | - | - | - | - | 195.9 |
| November 2021 | W | W | 117.5 | 276.1 | - | - | - | - | - | 121.0 |
| December 2020 | W | W | W | 140.5 | - | - | - | - | - | 229.0 |
| California | | | | | | | | | | |
| December 2021 | W | 27.9 | 6,400.5 | 5,541.6 | - | W | - | - | - | 1,264.3 |
| November 2021 | W | 43.7 | 5,589.6 | 5,064.1 | - | W | - | - | - | 1,085.1 |
| December 2020 | W | 25.5 | 4,440.9 | 4,335.6 | W | W | - | - | - | 1,015.2 |
| Hawaii | | | | | | | | | | |
| December 2021 | - | - | W | W | - | - | - | - | - | W |
| November 2021 | - | - | W | W | - | - | - | - | - | W |
| December 2020 | - | - | W | W | - | - | - | - | - | W |
| Nevada | | | | | | | | | | |
| December 2021 | - | - | W | 181.7 | - | - | - | - | - | W |
| November 2021 | - | - | W | 214.6 | - | - | - | - | - | W |
| December 2020 | - | - | W | W | - | - | - | - | - | W |
| Oregon | | | | | | | | | | |
| December 2021 | - | W | 304.5 | W | - | - | - | W | W | W |
| November 2021 | - | W | 288.8 | W | - | - | - | W | W | W |
| December 2020 | - | W | 285.8 | 68.9 | - | - | - | W | W | W |
| Washington | | | | | | | | | | |
| December 2021 | - | W | 1,323.8 | 700.1 | W | - | W | W | W | 315.3 |
| November 2021 | - | W | 1,610.6 | 679.3 | W | - | W | W | W | 364.1 |
| December 2020 | - | W | 1,302.0 | 456.8 | NA | - | W | W | W | 376.5 |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

| Geographic area month | No. 2 diesel fuel | | | | | |
|-----------------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|
| | Ultra-low sulfur | | Low-sulfur | | High-sulfur | |
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| United States | | | | | | |
| December 2021 | W | 149,093.6 | - | - | W | 1,101.1 |
| November 2021 | W | 148,582.5 | - | - | W | 1,046.9 |
| December 2020 | 8,965.6 | 141,794.9 | W | - | W | 1,056.6 |
| PAD District 1 | | | | | | |
| December 2021 | 964.0 | W | - | - | - | W |
| November 2021 | 889.7 | W | - | - | - | W |
| December 2020 | 1,352.1 | 27,929.5 | - | - | - | W |
| Subdistrict 1A | | | | | | |
| December 2021 | W | 1,650.2 | - | - | - | - |
| November 2021 | W | 1,668.4 | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| Connecticut | | | | | | |
| December 2021 | W | W | - | - | - | - |
| November 2021 | W | W | - | - | - | - |
| December 2020 | W | 590.6 | - | - | - | - |
| Maine | | | | | | |
| December 2021 | - | W | - | - | - | - |
| November 2021 | - | W | - | - | - | - |
| December 2020 | - | W | - | - | - | - |
| Massachusetts | | | | | | |
| December 2021 | - | W | - | - | - | - |
| November 2021 | - | 278.9 | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| New Hampshire | | | | | | |
| December 2021 | - | W | - | - | - | - |
| November 2021 | - | W | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| Rhode Island | | | | | | |
| December 2021 | - | W | - | - | - | - |
| November 2021 | - | W | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| Vermont | | | | | | |
| December 2021 | - | W | - | - | - | - |
| November 2021 | - | W | - | - | - | - |
| December 2020 | - | W | - | - | - | - |
| Subdistrict 1B | | | | | | |
| December 2021 | W | W | - | - | - | W |
| November 2021 | W | W | - | - | - | W |
| December 2020 | W | W | - | - | - | W |
| Delaware | | | | | | |
| December 2021 | W | W | - | - | - | - |
| November 2021 | W | W | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| District of Columbia | | | | | | |
| December 2021 | - | W | - | - | - | - |
| November 2021 | - | W | - | - | - | - |
| December 2020 | - | W | - | - | - | - |
| Maryland | | | | | | |
| December 2021 | - | 1,238.5 | - | - | - | - |
| November 2021 | - | 1,226.5 | - | - | - | - |
| December 2020 | - | 996.3 | - | - | - | - |
| New Jersey | | | | | | |
| December 2021 | W | W | - | - | - | W |
| November 2021 | W | W | - | - | - | W |
| December 2020 | 91.5 | W | - | - | - | W |
| New York | | | | | | |
| December 2021 | 59.0 | W | - | - | - | W |
| November 2021 | 65.1 | W | - | - | - | W |
| December 2020 | 148.5 | W | - | - | - | W |
| Pennsylvania | | | | | | |
| December 2021 | 247.6 | 4,608.8 | - | - | - | - |
| November 2021 | 237.3 | 4,486.6 | - | - | - | - |
| December 2020 | 276.4 | 4,144.6 | - | - | - | - |

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | No. 2 diesel fuel | | | | | |
|-----------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|
| | Ultra-low sulfur | | Low-sulfur | | High-sulfur | |
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| Subdistrict 1C | | | | | | |
| December 2021 | | W | 16,414.8 | - | - | - |
| November 2021 | | W | 15,845.6 | - | - | - |
| December 2020 | | W | 15,452.1 | - | - | - |
| Florida | | | | | | |
| December 2021 | 148.4 | | 5,225.2 | - | - | - |
| November 2021 | 147.2 | | 5,126.3 | - | - | - |
| December 2020 | 273.9 | | 4,925.4 | - | - | - |
| Georgia | | | | | | |
| December 2021 | 115.7 | | W | - | - | - |
| November 2021 | 107.8 | | 2,827.5 | - | - | - |
| December 2020 | 61.1 | | 2,725.1 | - | - | - |
| North Carolina | | | | | | |
| December 2021 | 91.3 | | W | - | - | - |
| November 2021 | 99.3 | | W | - | - | - |
| December 2020 | 219.8 | | W | - | - | - |
| South Carolina | | | | | | |
| December 2021 | | W | 1,761.3 | - | - | - |
| November 2021 | | W | W | - | - | - |
| December 2020 | | W | 1,511.1 | - | - | - |
| Virginia | | | | | | |
| December 2021 | 5.1 | | W | - | - | - |
| November 2021 | 5.4 | | W | - | - | - |
| December 2020 | 7.0 | | W | - | - | - |
| West Virginia | | | | | | |
| December 2021 | | W | W | - | - | - |
| November 2021 | | W | W | - | - | - |
| December 2020 | 208.8 | | W | - | - | - |
| PAD District 2 | | | | | | |
| December 2021 | | W | W | - | - | - |
| November 2021 | | W | W | - | - | - |
| December 2020 | | W | 42,215.2 | - | - | - |
| Illinois | | | | | | |
| December 2021 | 87.3 | | 5,540.5 | - | - | - |
| November 2021 | 87.9 | | 6,520.9 | - | - | - |
| December 2020 | 112.1 | | 6,751.2 | - | - | - |
| Indiana | | | | | | |
| December 2021 | | W | 3,755.8 | - | - | - |
| November 2021 | | W | 4,077.0 | - | - | - |
| December 2020 | 171.1 | | 3,632.1 | - | - | - |
| Iowa | | | | | | |
| December 2021 | 36.9 | | 2,154.1 | - | - | - |
| November 2021 | 37.1 | | 2,336.6 | - | - | - |
| December 2020 | | W | 1,722.0 | - | - | - |
| Kansas | | | | | | |
| December 2021 | 405.7 | | 3,440.0 | - | - | - |
| November 2021 | | W | 3,440.9 | - | - | - |
| December 2020 | 473.4 | | 3,071.3 | - | - | - |
| Kentucky | | | | | | |
| December 2021 | | W | 1,993.0 | - | - | - |
| November 2021 | | W | 2,064.3 | - | - | - |
| December 2020 | 375.9 | | 1,643.8 | - | - | - |
| Michigan | | | | | | |
| December 2021 | | W | 2,796.4 | - | - | - |
| November 2021 | | W | W | - | - | - |
| December 2020 | 149.4 | | 2,516.1 | - | - | - |
| Minnesota | | | | | | |
| December 2021 | 253.3 | | W | - | - | - |
| November 2021 | 243.2 | | W | - | - | - |
| December 2020 | 244.2 | | W | - | - | - |
| Missouri | | | | | | |
| December 2021 | 1.3 | | 1,748.6 | - | - | - |
| November 2021 | 1.7 | | 1,744.4 | - | - | - |
| December 2020 | 1.3 | | 1,617.9 | - | - | - |

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | No. 2 diesel fuel | | | | | |
|-------------------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|
| | Ultra-low sulfur | | Low-sulfur | | High-sulfur | |
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 2 (cont.) | | | | | | |
| Nebraska | | | | | | |
| December 2021 | 346.8 | 1,388.7 | - | - | - | - |
| November 2021 | 304.0 | 1,505.7 | - | - | - | - |
| December 2020 | 301.7 | 1,157.5 | - | - | - | - |
| North Dakota | | | | | | |
| December 2021 | W | 786.8 | - | - | - | - |
| November 2021 | W | 1,039.1 | - | - | - | - |
| December 2020 | W | 753.7 | - | - | - | - |
| Ohio | | | | | | |
| December 2021 | W | W | - | - | - | - |
| November 2021 | W | W | - | - | - | - |
| December 2020 | 398.0 | 5,278.0 | - | - | - | - |
| Oklahoma | | | | | | |
| December 2021 | W | 6,360.1 | - | - | - | - |
| November 2021 | W | 6,341.1 | - | - | - | - |
| December 2020 | 140.7 | 5,454.5 | - | - | - | - |
| South Dakota | | | | | | |
| December 2021 | W | 636.1 | - | - | - | - |
| November 2021 | W | 772.7 | - | - | - | - |
| December 2020 | W | 635.7 | - | - | - | - |
| Tennessee | | | | | | |
| December 2021 | 229.7 | 3,465.4 | - | - | - | - |
| November 2021 | 214.2 | 3,440.8 | - | - | - | - |
| December 2020 | 202.3 | W | - | - | - | - |
| Wisconsin | | | | | | |
| December 2021 | 17.6 | 2,336.7 | - | - | - | - |
| November 2021 | W | 2,536.0 | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| PAD District 3 | | | | | | |
| December 2021 | 1,649.0 | W | - | - | - | - |
| November 2021 | 1,620.8 | W | - | - | - | - |
| December 2020 | 1,747.3 | 46,724.7 | - | - | - | 423.6 |
| Alabama | | | | | | |
| December 2021 | 148.3 | 1,920.7 | - | - | - | - |
| November 2021 | 143.8 | 1,927.6 | - | - | - | - |
| December 2020 | 156.5 | 1,879.2 | - | - | - | - |
| Arkansas | | | | | | |
| December 2021 | W | 1,752.8 | - | - | - | - |
| November 2021 | W | 1,729.8 | - | - | - | - |
| December 2020 | W | 1,476.2 | - | - | - | - |
| Louisiana | | | | | | |
| December 2021 | W | 9,073.8 | - | - | - | - |
| November 2021 | W | 9,679.6 | - | - | - | - |
| December 2020 | 98.7 | W | - | - | - | - |
| Mississippi | | | | | | |
| December 2021 | 11.1 | W | - | - | - | - |
| November 2021 | 17.7 | W | - | - | - | - |
| December 2020 | 33.4 | 2,269.8 | - | - | - | - |
| New Mexico | | | | | | |
| December 2021 | 69.1 | 1,245.3 | - | - | - | - |
| November 2021 | 33.8 | 1,116.1 | - | - | - | - |
| December 2020 | 115.4 | 1,268.5 | - | - | - | - |
| Texas | | | | | | |
| December 2021 | 1,186.4 | W | - | - | - | - |
| November 2021 | 1,229.5 | W | - | - | - | - |
| December 2020 | W | W | - | - | - | - |

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | No. 2 diesel fuel | | | | | |
|-----------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|
| | Ultra-low sulfur | | Low-sulfur | | High-sulfur | |
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 4 | | | | | | |
| December 2021 | W | 6,093.6 | - | - | - | - |
| November 2021 | W | 6,600.2 | - | - | - | - |
| December 2020 | W | 6,061.1 | - | - | - | - |
| Colorado | | | | | | |
| December 2021 | 235.6 | 1,908.9 | - | - | - | - |
| November 2021 | 207.4 | 2,128.4 | - | - | - | - |
| December 2020 | 226.3 | 1,788.8 | - | - | - | - |
| Idaho | | | | | | |
| December 2021 | W | 937.7 | - | - | - | - |
| November 2021 | W | 791.5 | - | - | - | - |
| December 2020 | W | 889.5 | - | - | - | - |
| Montana | | | | | | |
| December 2021 | 244.1 | 890.5 | - | - | - | - |
| November 2021 | 199.6 | 1,101.4 | - | - | - | - |
| December 2020 | 225.6 | 906.5 | - | - | - | - |
| Utah | | | | | | |
| December 2021 | W | 1,456.7 | - | - | - | - |
| November 2021 | W | 1,692.5 | - | - | - | - |
| December 2020 | W | 1,803.5 | - | - | - | - |
| Wyoming | | | | | | |
| December 2021 | 245.6 | 899.8 | - | - | - | - |
| November 2021 | 268.2 | 886.4 | - | - | - | - |
| December 2020 | 242.1 | 672.9 | - | - | - | - |
| PAD District 5 | | | | | | |
| December 2021 | W | 17,182.5 | - | - | W | W |
| November 2021 | W | 18,146.1 | - | - | W | W |
| December 2020 | W | 18,864.3 | W | - | W | W |
| Alaska | | | | | | |
| December 2021 | W | W | - | - | - | - |
| November 2021 | W | W | - | - | - | - |
| December 2020 | W | W | - | - | - | - |
| Arizona | | | | | | |
| December 2021 | 335.1 | 1,172.6 | - | - | - | - |
| November 2021 | 348.5 | 1,103.7 | - | - | - | - |
| December 2020 | 373.8 | 1,149.1 | - | - | - | - |
| California | | | | | | |
| December 2021 | 746.7 | W | - | - | - | W |
| November 2021 | 669.0 | W | - | - | - | W |
| December 2020 | 1,011.5 | W | - | - | - | W |
| Hawaii | | | | | | |
| December 2021 | W | W | - | - | W | W |
| November 2021 | W | W | - | - | W | W |
| December 2020 | W | W | W | - | W | W |
| Nevada | | | | | | |
| December 2021 | W | 426.1 | - | - | - | - |
| November 2021 | W | 571.3 | - | - | - | - |
| December 2020 | W | 451.8 | - | - | - | - |
| Oregon | | | | | | |
| December 2021 | W | 1,819.3 | - | - | - | - |
| November 2021 | W | 2,039.4 | - | - | - | - |
| December 2020 | 22.2 | 2,023.1 | - | - | - | - |
| Washington | | | | | | |
| December 2021 | W | W | - | - | - | W |
| November 2021 | W | W | - | - | - | W |
| December 2020 | W | W | - | - | - | W |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

| Geographic area month | No. 2 fuel oil | | No. 2 distillate | |
|-----------------------------|--------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| United States | | | | |
| December 2021 | 89.9 | 8,530.5 | 8,044.7 | 158,725.2 |
| November 2021 | 96.4 | 6,365.2 | 7,770.5 | 155,994.6 |
| December 2020 | 84.6 | 10,176.9 | 9,239.4 | 153,028.3 |
| PAD District 1 | | | | |
| December 2021 | - | 7,164.1 | 964.0 | 39,233.6 |
| November 2021 | - | 4,927.0 | 889.7 | 35,310.8 |
| December 2020 | - | W | 1,352.1 | 34,888.8 |
| Subdistrict 1A | | | | |
| December 2021 | - | 2,264.8 | W | 3,915.0 |
| November 2021 | - | 1,317.2 | W | 2,985.6 |
| December 2020 | - | W | W | 3,290.3 |
| Connecticut | | | | |
| December 2021 | - | W | W | 2,214.5 |
| November 2021 | - | W | W | 1,654.2 |
| December 2020 | - | 1,100.9 | W | 1,691.6 |
| Maine | | | | |
| December 2021 | - | W | - | 232.0 |
| November 2021 | - | W | - | 201.9 |
| December 2020 | - | W | - | 204.4 |
| Massachusetts | | | | |
| December 2021 | - | W | - | 638.0 |
| November 2021 | - | 150.8 | - | 429.7 |
| December 2020 | - | W | W | 511.2 |
| New Hampshire | | | | |
| December 2021 | - | W | - | W |
| November 2021 | - | W | - | W |
| December 2020 | - | W | W | W |
| Rhode Island | | | | |
| December 2021 | - | W | - | 522.1 |
| November 2021 | - | W | - | 453.2 |
| December 2020 | - | W | W | 555.2 |
| Vermont | | | | |
| December 2021 | - | W | - | W |
| November 2021 | - | W | - | W |
| December 2020 | - | W | - | W |
| Subdistrict 1B | | | | |
| December 2021 | - | 4,798.7 | W | 18,803.2 |
| November 2021 | - | 3,526.9 | W | 16,396.7 |
| December 2020 | - | 4,591.4 | W | 16,056.7 |
| Delaware | | | | |
| December 2021 | - | W | W | W |
| November 2021 | - | W | W | W |
| December 2020 | - | W | W | W |
| District of Columbia | | | | |
| December 2021 | - | - | - | W |
| November 2021 | - | - | - | W |
| December 2020 | - | - | - | W |
| Maryland | | | | |
| December 2021 | - | 322.3 | - | 1,560.8 |
| November 2021 | - | 207.7 | - | 1,434.3 |
| December 2020 | - | W | - | 1,368.8 |
| New Jersey | | | | |
| December 2021 | - | 2,774.6 | W | 9,555.1 |
| November 2021 | - | 2,238.9 | W | 8,035.4 |
| December 2020 | - | 2,501.2 | 91.5 | 7,629.7 |
| New York | | | | |
| December 2021 | - | W | 59.0 | 1,495.4 |
| November 2021 | - | W | 65.1 | 1,240.7 |
| December 2020 | - | 812.7 | 148.5 | 1,678.1 |
| Pennsylvania | | | | |
| December 2021 | - | 1,246.6 | 247.6 | 5,855.4 |
| November 2021 | - | 804.2 | 237.3 | 5,290.8 |
| December 2020 | - | 856.8 | 276.4 | 5,001.5 |

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | No. 2 fuel oil | | No. 2 distillate | |
|-----------------------|--------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| Subdistrict 1C | | | | |
| December 2021 | - | 100.6 | 635.5 | 16,515.4 |
| November 2021 | - | 82.9 | 562.3 | 15,928.5 |
| December 2020 | - | 89.7 | 808.9 | 15,541.8 |
| Florida | | | | |
| December 2021 | - | - | 148.4 | 5,225.2 |
| November 2021 | - | - | 147.2 | 5,126.3 |
| December 2020 | - | - | 273.9 | 4,925.4 |
| Georgia | | | | |
| December 2021 | - | W | 115.7 | 3,101.4 |
| November 2021 | - | - | 107.8 | 2,827.5 |
| December 2020 | - | - | 61.1 | 2,725.1 |
| North Carolina | | | | |
| December 2021 | - | W | 91.3 | 3,287.6 |
| November 2021 | - | W | 99.3 | 3,432.9 |
| December 2020 | - | W | 219.8 | 3,063.7 |
| South Carolina | | | | |
| December 2021 | - | - | W | 1,761.3 |
| November 2021 | - | W | W | 1,528.5 |
| December 2020 | - | - | W | 1,511.1 |
| Virginia | | | | |
| December 2021 | - | W | 5.1 | 2,484.1 |
| November 2021 | - | W | 5.4 | 2,464.6 |
| December 2020 | - | W | W | 2,600.4 |
| West Virginia | | | | |
| December 2021 | - | W | W | 655.8 |
| November 2021 | - | W | W | 548.7 |
| December 2020 | - | W | 208.8 | 716.2 |
| PAD District 2 | | | | |
| December 2021 | W | W | 2,678.7 | 43,692.8 |
| November 2021 | W | W | 2,633.5 | 46,554.8 |
| December 2020 | W | 97.7 | 2,987.7 | 42,312.9 |
| Illinois | | | | |
| December 2021 | - | - | 87.3 | 5,540.5 |
| November 2021 | - | - | 87.9 | 6,520.9 |
| December 2020 | - | - | 112.1 | 6,751.2 |
| Indiana | | | | |
| December 2021 | - | - | W | 3,755.8 |
| November 2021 | - | - | W | 4,077.0 |
| December 2020 | - | - | 171.1 | 3,632.1 |
| Iowa | | | | |
| December 2021 | - | - | 36.9 | 2,154.1 |
| November 2021 | - | - | 37.1 | 2,336.6 |
| December 2020 | - | - | W | 1,722.0 |
| Kansas | | | | |
| December 2021 | - | - | 405.7 | 3,440.0 |
| November 2021 | - | - | W | 3,440.9 |
| December 2020 | - | - | 473.4 | 3,071.3 |
| Kentucky | | | | |
| December 2021 | - | - | W | 1,993.0 |
| November 2021 | - | - | W | 2,064.3 |
| December 2020 | - | - | 375.9 | 1,643.8 |
| Michigan | | | | |
| December 2021 | - | - | W | 2,796.4 |
| November 2021 | - | W | W | 2,956.9 |
| December 2020 | - | 83.4 | 149.4 | 2,599.5 |
| Minnesota | | | | |
| December 2021 | - | W | 253.3 | 2,057.7 |
| November 2021 | - | W | 243.2 | 2,475.4 |
| December 2020 | - | W | 244.2 | 2,198.9 |
| Missouri | | | | |
| December 2021 | - | - | 1.3 | 1,748.6 |
| November 2021 | - | - | 1.7 | 1,744.4 |
| December 2020 | - | - | 1.3 | 1,617.9 |

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | No. 2 fuel oil | | No. 2 distillate | |
|-------------------------------|--------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 2 (cont.) | | | | |
| Nebraska | | | | |
| December 2021 | - | - | 346.8 | 1,388.7 |
| November 2021 | - | - | 304.0 | 1,505.7 |
| December 2020 | - | - | 301.7 | 1,157.5 |
| North Dakota | | | | |
| December 2021 | - | - | W | 786.8 |
| November 2021 | - | - | W | 1,039.1 |
| December 2020 | - | - | W | 753.7 |
| Ohio | | | | |
| December 2021 | - | W | W | 5,232.8 |
| November 2021 | - | W | W | 5,302.9 |
| December 2020 | - | - | 398.0 | 5,278.0 |
| Oklahoma | | | | |
| December 2021 | - | - | W | 6,360.1 |
| November 2021 | - | - | W | 6,341.1 |
| December 2020 | - | - | 140.7 | 5,454.5 |
| South Dakota | | | | |
| December 2021 | W | - | W | 636.1 |
| November 2021 | W | - | W | 772.7 |
| December 2020 | W | - | W | 635.7 |
| Tennessee | | | | |
| December 2021 | - | - | 229.7 | 3,465.4 |
| November 2021 | - | - | 214.2 | 3,440.8 |
| December 2020 | - | W | 202.3 | 3,500.9 |
| Wisconsin | | | | |
| December 2021 | - | - | 17.6 | 2,336.7 |
| November 2021 | - | - | W | 2,536.0 |
| December 2020 | W | W | 24.5 | 2,295.9 |
| PAD District 3 | | | | |
| | | | | |
| December 2021 | - | 1,349.1 | 1,649.0 | 51,819.1 |
| November 2021 | - | 1,394.4 | 1,620.8 | 48,827.3 |
| December 2020 | - | 3,366.9 | 1,747.3 | 50,515.1 |
| Alabama | | | | |
| December 2021 | - | - | 148.3 | 1,920.7 |
| November 2021 | - | - | 143.8 | 1,927.6 |
| December 2020 | - | - | 156.5 | 1,879.2 |
| Arkansas | | | | |
| December 2021 | - | - | W | 1,752.8 |
| November 2021 | - | - | W | 1,729.8 |
| December 2020 | - | - | W | 1,476.2 |
| Louisiana | | | | |
| December 2021 | - | W | W | 9,556.2 |
| November 2021 | - | W | W | 10,058.5 |
| December 2020 | - | 246.2 | 98.7 | 13,192.2 |
| Mississippi | | | | |
| December 2021 | - | W | 11.1 | 3,342.0 |
| November 2021 | - | W | 17.7 | 3,386.3 |
| December 2020 | - | - | W | 2,269.8 |
| New Mexico | | | | |
| December 2021 | - | - | 69.1 | 1,245.3 |
| November 2021 | - | - | 33.8 | 1,116.1 |
| December 2020 | - | - | 115.4 | 1,268.5 |
| Texas | | | | |
| December 2021 | - | 910.0 | 1,186.4 | 34,002.1 |
| November 2021 | - | 1,054.6 | 1,229.5 | 30,609.0 |
| December 2020 | - | 3,120.7 | 1,270.2 | 30,429.2 |

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | No. 2 fuel oil | | No. 2 distillate | |
|-----------------------|--------------------|------------------|--------------------|------------------|
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale |
| PAD District 4 | | | | |
| December 2021 | W | - | 1,049.4 | 6,093.6 |
| November 2021 | W | - | 1,017.6 | 6,600.2 |
| December 2020 | W | - | 1,030.3 | 6,061.1 |
| Colorado | | | | |
| December 2021 | - | - | 235.6 | 1,908.9 |
| November 2021 | - | - | 207.4 | 2,128.4 |
| December 2020 | - | - | 226.3 | 1,788.8 |
| Idaho | | | | |
| December 2021 | W | - | W | 937.7 |
| November 2021 | W | - | W | 791.5 |
| December 2020 | W | - | 43.8 | 889.5 |
| Montana | | | | |
| December 2021 | - | - | 244.1 | 890.5 |
| November 2021 | - | - | 199.6 | 1,101.4 |
| December 2020 | - | - | 225.6 | 906.5 |
| Utah | | | | |
| December 2021 | - | - | W | 1,456.7 |
| November 2021 | W | - | W | 1,692.5 |
| December 2020 | W | - | 292.4 | 1,803.5 |
| Wyoming | | | | |
| December 2021 | - | - | 245.6 | 899.8 |
| November 2021 | - | - | 268.2 | 886.4 |
| December 2020 | - | - | 242.1 | 672.9 |
| PAD District 5 | | | | |
| December 2021 | W | W | 1,703.6 | 17,886.1 |
| November 2021 | W | W | 1,608.9 | 18,701.6 |
| December 2020 | W | W | 2,122.0 | 19,250.3 |
| Alaska | | | | |
| December 2021 | W | W | W | W |
| November 2021 | W | W | W | W |
| December 2020 | W | W | 129.5 | W |
| Arizona | | | | |
| December 2021 | - | - | 335.1 | 1,172.6 |
| November 2021 | - | - | 348.5 | 1,103.7 |
| December 2020 | - | - | 373.8 | 1,149.1 |
| California | | | | |
| December 2021 | - | - | 746.7 | 10,141.2 |
| November 2021 | - | - | 669.0 | 10,559.8 |
| December 2020 | - | - | 1,011.5 | 11,896.1 |
| Hawaii | | | | |
| December 2021 | - | - | W | W |
| November 2021 | - | - | W | W |
| December 2020 | - | - | W | W |
| Nevada | | | | |
| December 2021 | W | - | W | 426.1 |
| November 2021 | W | - | W | 571.3 |
| December 2020 | W | - | W | 451.8 |
| Oregon | | | | |
| December 2021 | - | - | W | 1,819.3 |
| November 2021 | - | - | W | 2,039.4 |
| December 2020 | - | - | 22.2 | 2,023.1 |
| Washington | | | | |
| December 2021 | W | - | 183.4 | 4,004.5 |
| November 2021 | W | - | 156.6 | 4,091.5 |
| December 2020 | W | - | 190.0 | 3,387.9 |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District
thousand gallons per day

| Geographic area month | Residual fuel oil | | | | No. 4 fuel[a] | | | |
|-----------------------|---------------------------------|------------------|------------------------|------------------|--------------------|------------------|--------------------|------------------|
| | Sulfur less than or equal to 1% | | Sulfur greater than 1% | | Total | | Sales to end users | Sales for resale |
| | Sales to end users | Sales for resale | Sales to end users | Sales for resale | Sales to end users | Sales for resale | | |
| United States | | | | | | | | |
| December 2021 | 1,251.8 | 3,949.7 | 663.7 | 3,230.0 | 1,915.5 | 7,179.7 | - | W |
| November 2021 | W | 2,245.8 | W | 3,353.3 | 2,192.4 | 5,599.1 | - | W |
| December 2020 | W | 3,290.4 | W | 1,898.3 | 2,288.1 | 5,188.7 | - | W |
| PAD District 1 | | | | | | | | |
| December 2021 | W | W | W | W | W | 3,450.6 | - | - |
| November 2021 | W | W | W | W | W | 2,268.7 | - | - |
| December 2020 | W | W | - | W | W | W | - | - |
| Subdistrict 1A | | | | | | | | |
| December 2021 | - | - | - | - | - | - | - | - |
| November 2021 | - | - | - | - | - | - | - | - |
| December 2020 | - | - | - | - | - | - | - | - |
| Subdistrict 1B | | | | | | | | |
| December 2021 | W | 2,679.1 | W | W | W | W | - | - |
| November 2021 | W | W | W | W | W | W | - | - |
| December 2020 | W | W | - | W | W | W | - | - |
| Subdistrict 1C | | | | | | | | |
| December 2021 | - | W | - | - | - | W | - | - |
| November 2021 | - | - | - | W | - | W | - | - |
| December 2020 | - | - | - | - | - | - | - | - |
| PAD District 2 | | | | | | | | |
| December 2021 | - | - | W | - | W | - | - | - |
| November 2021 | - | - | W | - | W | - | - | - |
| December 2020 | - | - | W | - | W | - | - | - |
| PAD District 3 | | | | | | | | |
| December 2021 | W | 923.5 | W | 1,298.7 | W | 2,222.3 | - | W |
| November 2021 | W | 881.9 | W | 1,324.2 | W | 2,206.1 | - | W |
| December 2020 | W | W | W | W | W | 2,258.8 | - | W |
| PAD District 4 | | | | | | | | |
| December 2021 | - | W | - | - | - | W | - | - |
| November 2021 | - | W | - | - | - | W | - | - |
| December 2020 | - | W | - | - | - | W | - | - |
| PAD District 5 | | | | | | | | |
| December 2021 | W | W | W | W | 1,571.5 | W | - | - |
| November 2021 | W | W | W | W | W | W | - | - |
| December 2020 | W | W | W | W | 2,000.6 | 1,296.9 | - | - |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
 thousand gallons per day

| Geographic area month | Regular | | | Midgrade | | |
|-----------------------------|--------------|--------------|-----------|--------------|--------------|---------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| United States | | | | | | |
| December 2021 | 205,480.0 | 92,358.9 | 297,839.0 | 2,570.3 | 1,217.9 | 3,788.2 |
| November 2021 | 210,003.8 | 94,387.6 | 304,391.4 | 2,607.2 | 1,259.7 | 3,866.9 |
| December 2020 | 190,110.0 | 84,146.4 | 274,256.4 | 3,029.5 | 1,559.7 | 4,589.2 |
| PAD District 1 | | | | | | |
| December 2021 | 63,363.0 | 36,103.6 | 99,466.6 | 922.2 | 409.1 | 1,331.2 |
| November 2021 | 65,060.0 | 37,065.3 | 102,125.4 | 930.9 | 438.0 | 1,368.9 |
| December 2020 | 59,368.9 | 32,877.4 | 92,246.3 | 1,185.0 | 519.9 | 1,704.9 |
| Subdistrict 1A | | | | | | |
| December 2021 | 1,477.6 | 11,331.5 | 12,809.1 | 15.0 | 127.4 | 142.4 |
| November 2021 | 1,501.6 | 11,541.2 | 13,042.8 | 15.5 | 133.3 | 148.8 |
| December 2020 | 1,348.4 | 10,451.4 | 11,799.7 | 19.6 | 160.3 | 179.9 |
| Connecticut | | | | | | |
| December 2021 | - | 3,047.2 | 3,047.2 | - | 29.9 | 29.9 |
| November 2021 | - | 3,165.2 | 3,165.2 | - | 31.8 | 31.8 |
| December 2020 | - | 2,906.2 | 2,906.2 | - | 26.5 | 26.5 |
| Maine | | | | | | |
| December 2021 | 621.0 | 959.2 | 1,580.2 | W | W | 20.2 |
| November 2021 | 627.1 | 920.4 | 1,547.5 | 10.3 | 10.5 | 20.8 |
| December 2020 | 548.8 | 901.8 | 1,450.6 | 12.5 | 10.1 | 22.6 |
| Massachusetts | | | | | | |
| December 2021 | - | 4,971.5 | 4,971.5 | - | 65.8 | 65.8 |
| November 2021 | - | 5,048.6 | 5,048.6 | - | 68.5 | 68.5 |
| December 2020 | - | 4,479.5 | 4,479.5 | - | 95.2 | 95.2 |
| New Hampshire | | | | | | |
| December 2021 | 265.5 | 1,014.7 | 1,280.2 | W | W | 8.6 |
| November 2021 | 286.8 | 1,023.3 | 1,310.1 | 1.1 | 8.5 | 9.6 |
| December 2020 | 258.7 | 891.8 | 1,150.5 | 2.8 | 10.6 | 13.4 |
| Rhode Island | | | | | | |
| December 2021 | - | 1,338.9 | 1,338.9 | - | 13.9 | 13.9 |
| November 2021 | - | 1,383.7 | 1,383.7 | - | 14.0 | 14.0 |
| December 2020 | - | 1,272.0 | 1,272.0 | - | 17.9 | 17.9 |
| Vermont | | | | | | |
| December 2021 | 591.1 | - | 591.1 | 4.0 | - | 4.0 |
| November 2021 | 587.8 | - | 587.8 | 4.1 | - | 4.1 |
| December 2020 | 540.9 | - | 540.9 | 4.3 | - | 4.3 |
| Subdistrict 1B | | | | | | |
| December 2021 | 11,632.3 | 21,211.5 | 32,843.8 | 73.1 | 246.2 | 319.4 |
| November 2021 | 11,905.5 | 21,884.0 | 33,789.5 | 75.5 | 265.9 | 341.5 |
| December 2020 | 10,750.7 | 19,134.8 | 29,885.5 | 126.6 | 316.5 | 443.0 |
| Delaware | | | | | | |
| December 2021 | - | 1,236.5 | 1,236.5 | - | 7.1 | 7.1 |
| November 2021 | - | 1,191.8 | 1,191.8 | - | 6.4 | 6.4 |
| December 2020 | - | 907.7 | 907.7 | - | 6.4 | 6.4 |
| District of Columbia | | | | | | |
| December 2021 | - | 136.6 | 136.6 | - | 1.6 | 1.6 |
| November 2021 | - | 140.2 | 140.2 | - | 2.4 | 2.4 |
| December 2020 | - | 133.6 | 133.6 | - | 2.1 | 2.1 |
| Maryland | | | | | | |
| December 2021 | 539.2 | 3,556.1 | 4,095.3 | 3.8 | 24.4 | 28.2 |
| November 2021 | 547.9 | 3,738.9 | 4,286.9 | 3.4 | 28.1 | 31.5 |
| December 2020 | 499.4 | 3,250.6 | 3,750.0 | 3.9 | 25.0 | 28.9 |
| New Jersey | | | | | | |
| December 2021 | - | 7,812.5 | 7,812.5 | - | 80.9 | 80.9 |
| November 2021 | - | 8,035.8 | 8,035.8 | - | 88.0 | 88.0 |
| December 2020 | - | 7,142.6 | 7,142.6 | - | 90.5 | 90.5 |
| New York | | | | | | |
| December 2021 | 5,205.6 | 6,318.5 | 11,524.1 | 39.4 | 123.9 | 163.4 |
| November 2021 | 5,232.3 | 6,518.3 | 11,750.6 | 40.2 | 132.2 | 172.3 |
| December 2020 | 4,544.9 | 5,700.7 | 10,245.6 | 76.3 | 173.1 | 249.4 |
| Pennsylvania | | | | | | |
| December 2021 | 5,887.5 | 2,151.2 | 8,038.7 | 29.9 | 8.3 | 38.2 |
| November 2021 | 6,125.2 | 2,258.9 | 8,384.1 | 32.0 | 8.8 | 40.8 |
| December 2020 | 5,706.4 | 1,999.6 | 7,706.0 | 46.5 | 19.4 | 65.8 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | All grades | | |
|-----------------------------|--------------|--------------|----------|--------------|--------------|-----------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| United States | | | | | | |
| December 2021 | 23,351.8 | 18,620.4 | 41,972.2 | 231,402.1 | 112,197.3 | 343,599.4 |
| November 2021 | 23,811.6 | 19,140.0 | 42,951.6 | 236,422.5 | 114,787.4 | 351,209.9 |
| December 2020 | 23,064.3 | 17,876.1 | 40,940.5 | 216,203.8 | 103,582.3 | 319,786.1 |
| PAD District 1 | | | | | | |
| December 2021 | 7,637.5 | 6,576.6 | 14,214.1 | 71,922.6 | 43,089.3 | 115,011.9 |
| November 2021 | 7,983.6 | 6,812.3 | 14,795.9 | 73,974.6 | 44,315.6 | 118,290.2 |
| December 2020 | 7,747.3 | 6,252.3 | 13,999.5 | 68,301.2 | 39,649.5 | 107,950.7 |
| Subdistrict 1A | | | | | | |
| December 2021 | 93.4 | 1,732.2 | 1,825.6 | 1,586.0 | 13,191.1 | 14,777.1 |
| November 2021 | 100.7 | 1,816.9 | 1,917.6 | 1,617.8 | 13,491.3 | 15,109.2 |
| December 2020 | 93.4 | 1,697.0 | 1,790.4 | 1,461.4 | 12,308.7 | 13,770.1 |
| Connecticut | | | | | | |
| December 2021 | - | 556.4 | 556.4 | - | 3,633.5 | 3,633.5 |
| November 2021 | - | 590.1 | 590.1 | - | 3,787.1 | 3,787.1 |
| December 2020 | - | 562.4 | 562.4 | - | 3,495.1 | 3,495.1 |
| Maine | | | | | | |
| December 2021 | W | W | 99.0 | 654.4 | 1,045.1 | 1,699.5 |
| November 2021 | 26.2 | 78.0 | 104.2 | 663.6 | 1,008.9 | 1,672.5 |
| December 2020 | 28.1 | 79.6 | 107.7 | 589.4 | 991.6 | 1,580.9 |
| Massachusetts | | | | | | |
| December 2021 | - | 790.9 | 790.9 | - | 5,828.2 | 5,828.2 |
| November 2021 | - | 825.2 | 825.2 | - | 5,942.2 | 5,942.2 |
| December 2020 | - | 733.7 | 733.7 | - | 5,308.4 | 5,308.4 |
| New Hampshire | | | | | | |
| December 2021 | W | W | 125.5 | 286.5 | 1,127.8 | 1,414.3 |
| November 2021 | 24.8 | 109.9 | 134.7 | 312.7 | 1,141.7 | 1,454.4 |
| December 2020 | 13.8 | 110.4 | 124.2 | 275.3 | 1,012.8 | 1,288.1 |
| Rhode Island | | | | | | |
| December 2021 | - | 203.7 | 203.7 | - | 1,556.5 | 1,556.5 |
| November 2021 | - | 213.7 | 213.7 | - | 1,611.4 | 1,611.4 |
| December 2020 | - | 210.9 | 210.9 | - | 1,500.8 | 1,500.8 |
| Vermont | | | | | | |
| December 2021 | 50.0 | - | 50.0 | 645.1 | - | 645.1 |
| November 2021 | 49.7 | - | 49.7 | 641.5 | - | 641.5 |
| December 2020 | 51.5 | - | 51.5 | 596.7 | - | 596.7 |
| Subdistrict 1B | | | | | | |
| December 2021 | 1,011.6 | 4,186.6 | 5,198.3 | 12,717.0 | 25,644.4 | 38,361.4 |
| November 2021 | 1,050.1 | 4,316.8 | 5,366.8 | 13,031.1 | 26,466.7 | 39,497.8 |
| December 2020 | 1,040.3 | 3,924.9 | 4,965.2 | 11,917.6 | 23,376.2 | 35,293.8 |
| Delaware | | | | | | |
| December 2021 | - | 151.0 | 151.0 | - | 1,394.7 | 1,394.7 |
| November 2021 | - | 139.7 | 139.7 | - | 1,337.9 | 1,337.9 |
| December 2020 | - | 117.4 | 117.4 | - | 1,031.5 | 1,031.5 |
| District of Columbia | | | | | | |
| December 2021 | - | 31.5 | 31.5 | - | 169.7 | 169.7 |
| November 2021 | - | 33.0 | 33.0 | - | 175.7 | 175.7 |
| December 2020 | - | 29.1 | 29.1 | - | 164.8 | 164.8 |
| Maryland | | | | | | |
| December 2021 | 50.5 | 628.2 | 678.7 | 593.4 | 4,208.8 | 4,802.2 |
| November 2021 | 48.3 | 652.4 | 700.7 | 599.6 | 4,419.5 | 5,019.1 |
| December 2020 | 47.4 | 581.3 | 628.7 | 550.7 | 3,856.8 | 4,407.5 |
| New Jersey | | | | | | |
| December 2021 | - | 1,331.2 | 1,331.2 | - | 9,224.6 | 9,224.6 |
| November 2021 | - | 1,356.3 | 1,356.3 | - | 9,480.1 | 9,480.1 |
| December 2020 | - | 1,229.5 | 1,229.5 | - | 8,462.5 | 8,462.5 |
| New York | | | | | | |
| December 2021 | 428.8 | 1,673.3 | 2,102.1 | 5,673.9 | 8,115.6 | 13,789.5 |
| November 2021 | 444.8 | 1,745.7 | 2,190.5 | 5,717.3 | 8,396.1 | 14,113.4 |
| December 2020 | 426.4 | 1,641.1 | 2,067.5 | 5,047.5 | 7,514.9 | 12,562.5 |
| Pennsylvania | | | | | | |
| December 2021 | 532.4 | 371.4 | 903.8 | 6,449.7 | 2,530.9 | 8,980.6 |
| November 2021 | 557.0 | 389.7 | 946.7 | 6,714.2 | 2,657.4 | 9,371.6 |
| December 2020 | 566.5 | 326.6 | 893.1 | 6,319.4 | 2,345.6 | 8,665.0 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Regular | | | Midgrade | | |
|-----------------------|--------------|--------------|----------|--------------|--------------|---------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| Subdistrict 1C | | | | | | |
| December 2021 | 50,253.2 | 3,560.6 | 53,813.7 | 834.1 | 35.4 | 869.5 |
| November 2021 | 51,652.9 | 3,640.2 | 55,293.1 | 839.8 | 38.8 | 878.6 |
| December 2020 | 47,269.8 | 3,291.2 | 50,561.0 | 1,038.8 | 43.2 | 1,082.0 |
| Florida | | | | | | |
| December 2021 | 17,445.4 | - | 17,445.4 | 213.5 | - | 213.5 |
| November 2021 | 17,632.2 | - | 17,632.2 | 195.8 | - | 195.8 |
| December 2020 | 16,204.2 | - | 16,204.2 | 276.2 | - | 276.2 |
| Georgia | | | | | | |
| December 2021 | 11,541.8 | - | 11,541.8 | 290.6 | - | 290.6 |
| November 2021 | 11,917.7 | - | 11,917.7 | 302.6 | - | 302.6 |
| December 2020 | 11,024.2 | - | 11,024.2 | 305.0 | - | 305.0 |
| North Carolina | | | | | | |
| December 2021 | 10,426.5 | - | 10,426.5 | 147.1 | - | 147.1 |
| November 2021 | 10,906.0 | - | 10,906.0 | 152.1 | - | 152.1 |
| December 2020 | 9,718.7 | - | 9,718.7 | 246.6 | - | 246.6 |
| South Carolina | | | | | | |
| December 2021 | 5,678.5 | - | 5,678.5 | 137.5 | - | 137.5 |
| November 2021 | 6,022.8 | - | 6,022.8 | 141.0 | - | 141.0 |
| December 2020 | 5,563.0 | - | 5,563.0 | 156.0 | - | 156.0 |
| Virginia | | | | | | |
| December 2021 | 3,484.1 | 3,560.6 | 7,044.7 | 39.1 | 35.4 | 74.5 |
| November 2021 | 3,668.5 | 3,640.2 | 7,308.7 | 41.2 | 38.8 | 80.0 |
| December 2020 | 3,204.7 | 3,291.2 | 6,495.9 | 43.7 | 43.2 | 86.9 |
| West Virginia | | | | | | |
| December 2021 | 1,676.9 | - | 1,676.9 | 6.2 | - | 6.2 |
| November 2021 | 1,505.7 | - | 1,505.7 | 7.2 | - | 7.2 |
| December 2020 | 1,555.0 | - | 1,555.0 | 11.3 | - | 11.3 |
| PAD District 2 | | | | | | |
| December 2021 | 75,050.9 | 11,650.5 | 86,701.4 | 780.4 | 96.6 | 877.0 |
| November 2021 | 76,617.5 | 12,104.8 | 88,722.3 | 810.1 | 100.7 | 910.8 |
| December 2020 | 68,847.9 | 11,317.1 | 80,165.1 | 874.4 | 153.2 | 1,027.6 |
| Illinois | | | | | | |
| December 2021 | 3,490.7 | 5,923.5 | 9,414.2 | 33.4 | 35.5 | 68.9 |
| November 2021 | 3,650.8 | 6,119.6 | 9,770.4 | 35.2 | 38.0 | 73.2 |
| December 2020 | 3,487.2 | 5,855.0 | 9,342.2 | 39.3 | 69.4 | 108.7 |
| Indiana | | | | | | |
| December 2021 | 6,319.4 | 1,143.8 | 7,463.1 | 36.5 | 10.4 | 46.9 |
| November 2021 | 6,487.7 | 1,206.5 | 7,694.2 | 40.6 | 10.8 | 51.4 |
| December 2020 | 5,931.3 | 950.6 | 6,881.9 | 66.7 | 18.6 | 85.3 |
| Iowa | | | | | | |
| December 2021 | 3,182.8 | - | 3,182.8 | 83.8 | - | 83.8 |
| November 2021 | 3,195.8 | - | 3,195.8 | 106.2 | - | 106.2 |
| December 2020 | 2,936.0 | - | 2,936.0 | 73.8 | - | 73.8 |
| Kansas | | | | | | |
| December 2021 | 3,962.2 | - | 3,962.2 | 46.7 | - | 46.7 |
| November 2021 | 3,960.8 | - | 3,960.8 | 46.9 | - | 46.9 |
| December 2020 | 3,678.9 | - | 3,678.9 | 46.9 | - | 46.9 |
| Kentucky | | | | | | |
| December 2021 | 4,296.6 | 709.1 | 5,005.8 | 37.0 | 6.0 | 43.0 |
| November 2021 | 4,424.2 | 716.8 | 5,141.0 | 36.9 | 5.9 | 42.8 |
| December 2020 | 3,847.9 | 707.9 | 4,555.8 | 49.7 | 14.4 | 64.1 |
| Michigan | | | | | | |
| December 2021 | 10,874.6 | - | 10,874.6 | 21.6 | - | 21.6 |
| November 2021 | 11,102.7 | - | 11,102.7 | 24.7 | - | 24.7 |
| December 2020 | 9,735.6 | - | 9,735.6 | 60.9 | - | 60.9 |
| Minnesota | | | | | | |
| December 2021 | 5,288.0 | - | 5,288.0 | 134.4 | - | 134.4 |
| November 2021 | 5,408.0 | - | 5,408.0 | 124.3 | - | 124.3 |
| December 2020 | 4,533.9 | - | 4,533.9 | 71.9 | - | 71.9 |
| Missouri | | | | | | |
| December 2021 | 5,082.9 | 2,015.3 | 7,098.2 | W | W | 120.5 |
| November 2021 | 5,208.4 | 2,229.7 | 7,438.1 | 83.8 | 38.3 | 122.1 |
| December 2020 | 4,763.0 | 2,069.5 | 6,832.6 | 77.2 | 36.1 | 113.3 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | All grades | | |
|-----------------------|--------------|--------------|---------|--------------|--------------|----------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| Subdistrict 1C | | | | | | |
| December 2021 | 6,532.4 | 657.8 | 7,190.2 | 57,619.6 | 4,253.8 | 61,873.5 |
| November 2021 | 6,832.9 | 678.6 | 7,511.5 | 59,325.7 | 4,357.6 | 63,683.2 |
| December 2020 | 6,613.5 | 630.4 | 7,243.9 | 54,922.1 | 3,964.7 | 58,886.8 |
| Florida | | | | | | |
| December 2021 | 2,641.5 | - | 2,641.5 | 20,300.4 | - | 20,300.4 |
| November 2021 | 2,684.4 | - | 2,684.4 | 20,512.4 | - | 20,512.4 |
| December 2020 | 2,619.7 | - | 2,619.7 | 19,100.0 | - | 19,100.0 |
| Georgia | | | | | | |
| December 2021 | 1,662.0 | - | 1,662.0 | 13,494.4 | - | 13,494.4 |
| November 2021 | 1,737.9 | - | 1,737.9 | 13,958.2 | - | 13,958.2 |
| December 2020 | 1,643.6 | - | 1,643.6 | 12,972.8 | - | 12,972.8 |
| North Carolina | | | | | | |
| December 2021 | 1,192.7 | - | 1,192.7 | 11,766.3 | - | 11,766.3 |
| November 2021 | 1,331.1 | - | 1,331.1 | 12,389.2 | - | 12,389.2 |
| December 2020 | 1,307.9 | - | 1,307.9 | 11,273.2 | - | 11,273.2 |
| South Carolina | | | | | | |
| December 2021 | 622.8 | - | 622.8 | 6,438.8 | - | 6,438.8 |
| November 2021 | 667.9 | - | 667.9 | 6,831.7 | - | 6,831.7 |
| December 2020 | 655.8 | - | 655.8 | 6,374.9 | - | 6,374.9 |
| Virginia | | | | | | |
| December 2021 | 291.1 | 657.8 | 948.9 | 3,814.3 | 4,253.8 | 8,068.1 |
| November 2021 | 297.8 | 678.6 | 976.4 | 4,007.5 | 4,357.6 | 8,365.0 |
| December 2020 | 288.4 | 630.4 | 918.7 | 3,536.8 | 3,964.7 | 7,501.5 |
| West Virginia | | | | | | |
| December 2021 | 122.4 | - | 122.4 | 1,805.4 | - | 1,805.4 |
| November 2021 | 113.9 | - | 113.9 | 1,626.8 | - | 1,626.8 |
| December 2020 | 98.1 | - | 98.1 | 1,664.4 | - | 1,664.4 |
| PAD District 2 | | | | | | |
| December 2021 | 6,197.1 | 1,495.0 | 7,692.1 | 82,028.4 | 13,242.1 | 95,270.4 |
| November 2021 | 6,221.9 | 1,540.3 | 7,762.2 | 83,649.5 | 13,745.8 | 97,395.3 |
| December 2020 | 5,951.1 | 1,404.1 | 7,355.1 | 75,673.4 | 12,874.4 | 88,547.8 |
| Illinois | | | | | | |
| December 2021 | 188.2 | 892.9 | 1,081.0 | 3,712.2 | 6,851.9 | 10,564.1 |
| November 2021 | 194.3 | 909.4 | 1,103.7 | 3,880.3 | 7,067.0 | 10,947.3 |
| December 2020 | 241.3 | 825.6 | 1,066.9 | 3,767.8 | 6,750.0 | 10,517.8 |
| Indiana | | | | | | |
| December 2021 | 446.9 | 124.6 | 571.5 | 6,802.7 | 1,278.8 | 8,081.5 |
| November 2021 | 444.8 | 131.6 | 576.4 | 6,973.2 | 1,348.9 | 8,322.0 |
| December 2020 | 422.5 | 103.6 | 526.1 | 6,420.5 | 1,072.8 | 7,493.3 |
| Iowa | | | | | | |
| December 2021 | 273.9 | - | 273.9 | 3,540.6 | - | 3,540.6 |
| November 2021 | 273.6 | - | 273.6 | 3,575.6 | - | 3,575.6 |
| December 2020 | 261.3 | - | 261.3 | 3,271.1 | - | 3,271.1 |
| Kansas | | | | | | |
| December 2021 | 345.8 | - | 345.8 | 4,354.7 | - | 4,354.7 |
| November 2021 | 336.2 | - | 336.2 | 4,343.9 | - | 4,343.9 |
| December 2020 | 382.1 | - | 382.1 | 4,107.9 | - | 4,107.9 |
| Kentucky | | | | | | |
| December 2021 | 264.9 | 78.2 | 343.1 | 4,598.5 | 793.3 | 5,391.8 |
| November 2021 | 263.9 | 80.6 | 344.5 | 4,725.0 | 803.3 | 5,528.3 |
| December 2020 | 254.5 | 59.5 | 314.1 | 4,152.1 | 781.8 | 4,933.9 |
| Michigan | | | | | | |
| December 2021 | 699.5 | - | 699.5 | 11,595.8 | - | 11,595.8 |
| November 2021 | 719.2 | - | 719.2 | 11,846.5 | - | 11,846.5 |
| December 2020 | 643.6 | - | 643.6 | 10,440.1 | - | 10,440.1 |
| Minnesota | | | | | | |
| December 2021 | 563.0 | - | 563.0 | 5,985.4 | - | 5,985.4 |
| November 2021 | 563.2 | - | 563.2 | 6,095.5 | - | 6,095.5 |
| December 2020 | 480.8 | - | 480.8 | 5,086.6 | - | 5,086.6 |
| Missouri | | | | | | |
| December 2021 | W | W | 617.3 | 5,558.3 | 2,277.7 | 7,836.0 |
| November 2021 | 392.3 | 245.9 | 638.2 | 5,684.5 | 2,513.9 | 8,198.4 |
| December 2020 | 392.6 | 231.6 | 624.2 | 5,232.8 | 2,337.3 | 7,570.0 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Regular | | | Midgrade | | |
|-------------------------------|--------------|--------------|----------|--------------|--------------|-------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| PAD District 2 (cont.) | | | | | | |
| Nebraska | | | | | | |
| December 2021 | 2,055.5 | - | 2,055.5 | 25.0 | - | 25.0 |
| November 2021 | 2,033.6 | - | 2,033.6 | 24.6 | - | 24.6 |
| December 2020 | 1,801.6 | - | 1,801.6 | 28.3 | - | 28.3 |
| North Dakota | | | | | | |
| December 2021 | 809.4 | - | 809.4 | 19.2 | - | 19.2 |
| November 2021 | 873.4 | - | 873.4 | 17.9 | - | 17.9 |
| December 2020 | 755.4 | - | 755.4 | 19.3 | - | 19.3 |
| Ohio | | | | | | |
| December 2021 | 11,828.6 | - | 11,828.6 | 46.2 | - | 46.2 |
| November 2021 | 11,961.3 | - | 11,961.3 | 49.1 | - | 49.1 |
| December 2020 | 10,812.3 | - | 10,812.3 | 110.6 | - | 110.6 |
| Oklahoma | | | | | | |
| December 2021 | 4,868.3 | - | 4,868.3 | 63.7 | - | 63.7 |
| November 2021 | 4,895.1 | - | 4,895.1 | 64.2 | - | 64.2 |
| December 2020 | 4,402.9 | - | 4,402.9 | 61.8 | - | 61.8 |
| South Dakota | | | | | | |
| December 2021 | 1,066.7 | - | 1,066.7 | 17.4 | - | 17.4 |
| November 2021 | 1,108.2 | - | 1,108.2 | 16.2 | - | 16.2 |
| December 2020 | 944.7 | - | 944.7 | 16.5 | - | 16.5 |
| Tennessee | | | | | | |
| December 2021 | 8,102.4 | - | 8,102.4 | 105.6 | - | 105.6 |
| November 2021 | 8,325.4 | - | 8,325.4 | 108.6 | - | 108.6 |
| December 2020 | 7,745.4 | - | 7,745.4 | 124.4 | - | 124.4 |
| Wisconsin | | | | | | |
| December 2021 | 3,822.8 | 1,858.8 | 5,681.6 | W | W | 34.0 |
| November 2021 | 3,982.1 | 1,832.3 | 5,814.4 | 31.0 | 7.6 | 38.6 |
| December 2020 | 3,471.9 | 1,734.1 | 5,206.1 | 27.1 | 14.7 | 41.8 |
| PAD District 3 | | | | | | |
| | | | | | | |
| December 2021 | 39,994.5 | 15,953.8 | 55,948.4 | 445.5 | 243.2 | 688.6 |
| November 2021 | 40,786.9 | 16,256.8 | 57,043.7 | 437.6 | 244.6 | 682.2 |
| December 2020 | 37,654.4 | 14,352.5 | 52,006.9 | 509.8 | 234.4 | 744.1 |
| Alabama | | | | | | |
| December 2021 | 6,066.7 | - | 6,066.7 | 64.5 | - | 64.5 |
| November 2021 | 6,171.6 | - | 6,171.6 | 66.4 | - | 66.4 |
| December 2020 | 5,849.7 | - | 5,849.7 | 69.2 | - | 69.2 |
| Arkansas | | | | | | |
| December 2021 | 3,463.0 | - | 3,463.0 | 37.1 | - | 37.1 |
| November 2021 | 3,558.5 | - | 3,558.5 | 38.0 | - | 38.0 |
| December 2020 | 3,272.3 | - | 3,272.3 | 38.1 | - | 38.1 |
| Louisiana | | | | | | |
| December 2021 | 6,538.8 | - | 6,538.8 | 44.9 | - | 44.9 |
| November 2021 | 6,769.9 | - | 6,769.9 | 44.9 | - | 44.9 |
| December 2020 | 6,035.2 | - | 6,035.2 | 48.6 | - | 48.6 |
| Mississippi | | | | | | |
| December 2021 | 3,506.8 | - | 3,506.8 | 43.4 | - | 43.4 |
| November 2021 | 3,529.5 | - | 3,529.5 | 42.1 | - | 42.1 |
| December 2020 | 3,445.9 | - | 3,445.9 | 41.6 | - | 41.6 |
| New Mexico | | | | | | |
| December 2021 | 2,209.5 | - | 2,209.5 | 34.2 | - | 34.2 |
| November 2021 | 2,168.7 | - | 2,168.7 | 31.1 | - | 31.1 |
| December 2020 | 1,862.2 | - | 1,862.2 | 92.7 | - | 92.7 |
| Texas | | | | | | |
| December 2021 | 18,209.7 | 15,953.8 | 34,163.5 | 221.3 | 243.2 | 464.5 |
| November 2021 | 18,588.9 | 16,256.8 | 34,845.6 | 215.0 | 244.6 | 459.7 |
| December 2020 | 17,189.2 | 14,352.5 | 31,541.7 | 219.5 | 234.4 | 453.9 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | All grades | | |
|-------------------------------|--------------|--------------|---------|--------------|--------------|----------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| PAD District 2 (cont.) | | | | | | |
| Nebraska | | | | | | |
| December 2021 | 215.5 | - | 215.5 | 2,296.0 | - | 2,296.0 |
| November 2021 | 208.3 | - | 208.3 | 2,266.5 | - | 2,266.5 |
| December 2020 | 219.6 | - | 219.6 | 2,049.5 | - | 2,049.5 |
| North Dakota | | | | | | |
| December 2021 | 95.9 | - | 95.9 | 924.5 | - | 924.5 |
| November 2021 | 105.5 | - | 105.5 | 996.8 | - | 996.8 |
| December 2020 | 98.5 | - | 98.5 | 873.1 | - | 873.1 |
| Ohio | | | | | | |
| December 2021 | 872.9 | - | 872.9 | 12,747.7 | - | 12,747.7 |
| November 2021 | 870.3 | - | 870.3 | 12,880.7 | - | 12,880.7 |
| December 2020 | 772.0 | - | 772.0 | 11,694.8 | - | 11,694.8 |
| Oklahoma | | | | | | |
| December 2021 | 535.1 | - | 535.1 | 5,467.1 | - | 5,467.1 |
| November 2021 | 520.8 | - | 520.8 | 5,480.1 | - | 5,480.1 |
| December 2020 | 507.5 | - | 507.5 | 4,972.2 | - | 4,972.2 |
| South Dakota | | | | | | |
| December 2021 | 105.2 | - | 105.2 | 1,189.3 | - | 1,189.3 |
| November 2021 | 106.6 | - | 106.6 | 1,230.9 | - | 1,230.9 |
| December 2020 | 107.5 | - | 107.5 | 1,068.6 | - | 1,068.6 |
| Tennessee | | | | | | |
| December 2021 | 872.0 | - | 872.0 | 9,080.1 | - | 9,080.1 |
| November 2021 | 891.2 | - | 891.2 | 9,325.2 | - | 9,325.2 |
| December 2020 | 865.9 | - | 865.9 | 8,735.6 | - | 8,735.6 |
| Wisconsin | | | | | | |
| December 2021 | W | W | 500.1 | 4,175.3 | 2,040.4 | 6,215.7 |
| November 2021 | 331.7 | 172.8 | 504.5 | 4,344.8 | 2,012.7 | 6,357.5 |
| December 2020 | 301.5 | 183.6 | 485.1 | 3,800.5 | 1,932.5 | 5,733.0 |
| PAD District 3 | | | | | | |
| | 3,979.7 | 2,534.5 | 6,514.2 | 44,419.7 | 18,731.5 | 63,151.1 |
| December 2021 | 4,006.3 | 2,575.2 | 6,581.5 | 45,230.8 | 19,076.6 | 64,307.4 |
| November 2021 | 3,888.4 | 2,421.7 | 6,310.1 | 42,052.6 | 17,008.5 | 59,061.1 |
| Alabama | | | | | | |
| December 2021 | 590.9 | - | 590.9 | 6,722.2 | - | 6,722.2 |
| November 2021 | 594.9 | - | 594.9 | 6,832.9 | - | 6,832.9 |
| December 2020 | 591.9 | - | 591.9 | 6,510.8 | - | 6,510.8 |
| Arkansas | | | | | | |
| December 2021 | 321.1 | - | 321.1 | 3,821.2 | - | 3,821.2 |
| November 2021 | 321.7 | - | 321.7 | 3,918.2 | - | 3,918.2 |
| December 2020 | 319.5 | - | 319.5 | 3,629.9 | - | 3,629.9 |
| Louisiana | | | | | | |
| December 2021 | 585.0 | - | 585.0 | 7,168.6 | - | 7,168.6 |
| November 2021 | 606.1 | - | 606.1 | 7,420.9 | - | 7,420.9 |
| December 2020 | 611.2 | - | 611.2 | 6,695.0 | - | 6,695.0 |
| Mississippi | | | | | | |
| December 2021 | 321.3 | - | 321.3 | 3,871.5 | - | 3,871.5 |
| November 2021 | 329.2 | - | 329.2 | 3,900.8 | - | 3,900.8 |
| December 2020 | 330.9 | - | 330.9 | 3,818.4 | - | 3,818.4 |
| New Mexico | | | | | | |
| December 2021 | 333.9 | - | 333.9 | 2,577.6 | - | 2,577.6 |
| November 2021 | 309.1 | - | 309.1 | 2,508.9 | - | 2,508.9 |
| December 2020 | 284.9 | - | 284.9 | 2,239.8 | - | 2,239.8 |
| Texas | | | | | | |
| December 2021 | 1,827.6 | 2,534.5 | 4,362.1 | 20,258.6 | 18,731.5 | 38,990.1 |
| November 2021 | 1,845.2 | 2,575.2 | 4,420.4 | 20,649.1 | 19,076.6 | 39,725.7 |
| December 2020 | 1,750.0 | 2,421.7 | 4,171.7 | 19,158.8 | 17,008.5 | 36,167.3 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Regular | | | Midgrade | | |
|-----------------------|--------------|--------------|----------|--------------|--------------|-------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| PAD District 4 | | | | | | |
| December 2021 | 11,551.1 | - | 11,551.1 | 212.3 | - | 212.3 |
| November 2021 | 11,650.1 | - | 11,650.1 | 214.0 | - | 214.0 |
| December 2020 | 10,342.8 | - | 10,342.8 | 220.9 | - | 220.9 |
| Colorado | | | | | | |
| December 2021 | 4,912.5 | - | 4,912.5 | 100.6 | - | 100.6 |
| November 2021 | 4,851.8 | - | 4,851.8 | 100.0 | - | 100.0 |
| December 2020 | 4,208.7 | - | 4,208.7 | 89.6 | - | 89.6 |
| Idaho | | | | | | |
| December 2021 | 1,680.5 | - | 1,680.5 | 6.5 | - | 6.5 |
| November 2021 | 1,645.6 | - | 1,645.6 | 6.4 | - | 6.4 |
| December 2020 | 1,584.0 | - | 1,584.0 | 10.4 | - | 10.4 |
| Montana | | | | | | |
| December 2021 | 1,487.1 | - | 1,487.1 | 57.3 | - | 57.3 |
| November 2021 | 1,623.1 | - | 1,623.1 | 59.5 | - | 59.5 |
| December 2020 | 1,339.7 | - | 1,339.7 | 57.2 | - | 57.2 |
| Utah | | | | | | |
| December 2021 | 2,780.5 | - | 2,780.5 | 30.8 | - | 30.8 |
| November 2021 | 2,807.2 | - | 2,807.2 | 30.5 | - | 30.5 |
| December 2020 | 2,588.5 | - | 2,588.5 | 46.4 | - | 46.4 |
| Wyoming | | | | | | |
| December 2021 | 690.4 | - | 690.4 | 17.1 | - | 17.1 |
| November 2021 | 722.5 | - | 722.5 | 17.7 | - | 17.7 |
| December 2020 | 621.9 | - | 621.9 | 17.3 | - | 17.3 |
| PAD District 5 | | | | | | |
| December 2021 | 15,520.5 | 28,651.1 | 44,171.5 | 210.0 | 469.1 | 679.1 |
| November 2021 | 15,889.2 | 28,960.7 | 44,849.9 | 214.6 | 476.4 | 691.0 |
| December 2020 | 13,895.9 | 25,599.4 | 39,495.3 | 239.4 | 652.3 | 891.6 |
| Alaska | | | | | | |
| December 2021 | 573.4 | - | 573.4 | W | - | W |
| November 2021 | 553.6 | - | 553.6 | W | - | W |
| December 2020 | 473.5 | - | 473.5 | 20.4 | - | 20.4 |
| Arizona | | | | | | |
| December 2021 | 2,857.3 | 4,026.5 | 6,883.7 | W | W | 112.1 |
| November 2021 | W | W | 6,887.0 | W | W | 110.9 |
| December 2020 | 2,508.6 | 3,487.8 | 5,996.4 | W | W | 113.7 |
| California | | | | | | |
| December 2021 | - | 24,624.6 | 24,624.6 | - | W | 397.0 |
| November 2021 | - | 24,874.5 | 24,874.5 | - | W | 402.1 |
| December 2020 | - | 22,111.6 | 22,111.6 | - | W | 585.2 |
| Hawaii | | | | | | |
| December 2021 | 931.2 | - | 931.2 | W | - | W |
| November 2021 | 930.0 | - | 930.0 | W | - | W |
| December 2020 | 762.3 | - | 762.3 | 60.0 | - | 60.0 |
| Nevada | | | | | | |
| December 2021 | 2,322.8 | - | 2,322.8 | 30.8 | - | 30.8 |
| November 2021 | W | W | 2,401.8 | 32.4 | - | 32.4 |
| December 2020 | 2,045.4 | - | 2,045.4 | 34.0 | - | 34.0 |
| Oregon | | | | | | |
| December 2021 | 3,266.2 | - | 3,266.2 | 18.7 | - | 18.7 |
| November 2021 | 3,398.4 | - | 3,398.4 | 20.9 | - | 20.9 |
| December 2020 | 3,112.8 | - | 3,112.8 | 20.5 | - | 20.5 |
| Washington | | | | | | |
| December 2021 | 5,569.6 | - | 5,569.6 | 50.5 | - | 50.5 |
| November 2021 | 5,804.7 | - | 5,804.7 | 51.7 | - | 51.7 |
| December 2020 | 4,993.4 | - | 4,993.4 | W | - | 57.8 |

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

| Geographic area month | Premium | | | All grades | | |
|-----------------------|--------------|--------------|----------|--------------|--------------|----------|
| | Conventional | Reformulated | Total | Conventional | Reformulated | Total |
| PAD District 4 | | | | | | |
| December 2021 | 2,599.8 | - | 2,599.8 | 14,363.2 | - | 14,363.2 |
| November 2021 | 2,577.9 | - | 2,577.9 | 14,442.1 | - | 14,442.1 |
| December 2020 | 2,557.4 | - | 2,557.4 | 13,121.2 | - | 13,121.2 |
| Colorado | | | | | | |
| December 2021 | 1,088.4 | - | 1,088.4 | 6,101.5 | - | 6,101.5 |
| November 2021 | 1,046.9 | - | 1,046.9 | 5,998.7 | - | 5,998.7 |
| December 2020 | 999.5 | - | 999.5 | 5,297.8 | - | 5,297.8 |
| Idaho | | | | | | |
| December 2021 | 292.3 | - | 292.3 | 1,979.4 | - | 1,979.4 |
| November 2021 | 293.5 | - | 293.5 | 1,945.4 | - | 1,945.4 |
| December 2020 | 320.3 | - | 320.3 | 1,914.7 | - | 1,914.7 |
| Montana | | | | | | |
| December 2021 | 251.2 | - | 251.2 | 1,795.6 | - | 1,795.6 |
| November 2021 | 273.0 | - | 273.0 | 1,955.5 | - | 1,955.5 |
| December 2020 | 271.1 | - | 271.1 | 1,668.0 | - | 1,668.0 |
| Utah | | | | | | |
| December 2021 | 844.6 | - | 844.6 | 3,655.9 | - | 3,655.9 |
| November 2021 | 831.1 | - | 831.1 | 3,668.7 | - | 3,668.7 |
| December 2020 | 828.1 | - | 828.1 | 3,463.0 | - | 3,463.0 |
| Wyoming | | | | | | |
| December 2021 | 123.3 | - | 123.3 | 830.8 | - | 830.8 |
| November 2021 | 133.5 | - | 133.5 | 873.7 | - | 873.7 |
| December 2020 | 138.4 | - | 138.4 | 777.6 | - | 777.6 |
| PAD District 5 | | | | | | |
| December 2021 | 2,937.8 | 8,014.3 | 10,952.1 | 18,668.3 | 37,134.5 | 55,802.7 |
| November 2021 | 3,021.8 | 8,212.3 | 11,234.1 | 19,125.6 | 37,649.4 | 56,775.0 |
| December 2020 | 2,920.2 | 7,798.1 | 10,718.3 | 17,055.5 | 34,049.8 | 51,105.3 |
| Alaska | | | | | | |
| December 2021 | W | - | W | 662.4 | - | 662.4 |
| November 2021 | W | - | W | 626.4 | - | 626.4 |
| December 2020 | 57.9 | - | 57.9 | 551.7 | - | 551.7 |
| Arizona | | | | | | |
| December 2021 | W | W | 978.7 | 3,325.8 | 4,648.8 | 7,974.6 |
| November 2021 | W | W | 1,014.1 | W | W | 8,012.0 |
| December 2020 | W | W | 950.4 | 2,969.2 | 4,091.3 | 7,060.5 |
| California | | | | | | |
| December 2021 | - | W | 7,464.0 | - | 32,485.6 | 32,485.6 |
| November 2021 | - | W | 7,633.8 | - | 32,910.4 | 32,910.4 |
| December 2020 | - | W | 7,261.7 | - | 29,958.5 | 29,958.5 |
| Hawaii | | | | | | |
| December 2021 | W | - | W | 1,216.6 | - | 1,216.6 |
| November 2021 | W | - | W | 1,208.2 | - | 1,208.2 |
| December 2020 | 238.6 | - | 238.6 | 1,060.9 | - | 1,060.9 |
| Nevada | | | | | | |
| December 2021 | 627.6 | - | 627.6 | 2,981.2 | - | 2,981.2 |
| November 2021 | 653.6 | - | 653.6 | W | W | 3,087.8 |
| December 2020 | 625.3 | - | 625.3 | 2,704.7 | - | 2,704.7 |
| Oregon | | | | | | |
| December 2021 | 469.6 | - | 469.6 | 3,754.6 | - | 3,754.6 |
| November 2021 | 487.7 | - | 487.7 | 3,907.0 | - | 3,907.0 |
| December 2020 | 469.9 | - | 469.9 | 3,603.2 | - | 3,603.2 |
| Washington | | | | | | |
| December 2021 | 1,107.6 | - | 1,107.6 | 6,727.7 | - | 6,727.7 |
| November 2021 | 1,166.9 | - | 1,166.9 | 7,023.3 | - | 7,023.3 |
| December 2020 | W | - | 1,114.5 | 6,165.7 | - | 6,165.7 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

| Geographic area month | Aviation gasoline | Kerosene-type jet fuel | No. 4 fuel oil[a] | Propane (consumer grade) | Residual fuel oil | | | Total residual fuel oil |
|-----------------------------|-------------------|------------------------|-------------------|--------------------------|---------------------------------|------------------------|--|-------------------------|
| | | | | | Sulfur less than or equal to 1% | Sulfur greater than 1% | | |
| United States | | | | | | | | |
| December 2021 | 385.4 | 59,644.9 | W | 33,970.0 | 4,589.8 | 3,915.2 | | 8,505.1 |
| November 2021 | 424.6 | 56,151.1 | 174.6 | 29,306.4 | 4,014.6 | 4,045.2 | | 8,059.8 |
| December 2020 | 366.5 | 43,403.0 | 291.1 | 38,317.8 | 5,385.4 | 3,078.2 | | 8,463.6 |
| PAD District 1 | | | | | | | | |
| December 2021 | 136.8 | 14,255.9 | W | 9,467.1 | 1,665.5 | 1,268.3 | | 2,933.7 |
| November 2021 | 143.2 | 12,709.5 | 174.6 | 7,399.2 | 1,176.4 | 1,259.5 | | 2,435.9 |
| December 2020 | 125.8 | 8,584.5 | 291.1 | 10,032.5 | 1,217.9 | 827.5 | | 2,045.4 |
| Subdistrict 1A | | | | | | | | |
| December 2021 | 11.7 | 1,412.6 | W | 2,371.4 | W | - | | W |
| November 2021 | 14.6 | 1,337.6 | W | 1,497.5 | 59.5 | - | | 59.5 |
| December 2020 | 10.3 | 788.4 | W | 2,152.2 | W | W | | W |
| Connecticut | | | | | | | | |
| December 2021 | 2.2 | 175.2 | W | 223.2 | - | - | | - |
| November 2021 | 2.1 | 153.3 | W | 161.6 | - | - | | - |
| December 2020 | 0.8 | 92.6 | - | 190.1 | - | - | | - |
| Maine | | | | | | | | |
| December 2021 | W | 95.2 | - | 676.9 | W | - | | W |
| November 2021 | W | 94.3 | W | 385.5 | 30.1 | - | | 30.1 |
| December 2020 | W | 70.8 | - | 518.1 | W | W | | W |
| Massachusetts | | | | | | | | |
| December 2021 | 5.6 | 960.8 | W | 470.6 | W | - | | W |
| November 2021 | 7.9 | 927.7 | W | 307.9 | W | - | | W |
| December 2020 | 6.3 | 542.2 | W | 408.3 | W | - | | W |
| New Hampshire | | | | | | | | |
| December 2021 | 1.2 | 89.7 | W | 596.4 | W | - | | W |
| November 2021 | 2.0 | 74.1 | W | 389.1 | W | - | | W |
| December 2020 | 1.9 | 33.6 | W | 581.9 | W | - | | W |
| Rhode Island | | | | | | | | |
| December 2021 | W | 52.5 | W | 62.2 | W | - | | W |
| November 2021 | W | 54.5 | - | 46.0 | W | - | | W |
| December 2020 | W | 16.8 | W | 50.5 | W | - | | W |
| Vermont | | | | | | | | |
| December 2021 | W | 39.2 | W | 342.0 | W | - | | W |
| November 2021 | W | 33.7 | W | 207.4 | W | - | | W |
| December 2020 | W | 32.4 | W | 403.2 | W | - | | W |
| Subdistrict 1B | | | | | | | | |
| December 2021 | 24.9 | 7,004.9 | W | 3,522.4 | 1,497.8 | 585.9 | | 2,083.7 |
| November 2021 | 28.3 | 6,349.6 | W | 2,644.4 | W | W | | 1,831.3 |
| December 2020 | 20.6 | 3,835.5 | W | 3,883.6 | W | W | | 1,889.6 |
| Delaware | | | | | | | | |
| December 2021 | W | 13.8 | - | 194.9 | W | - | | W |
| November 2021 | 1.1 | 14.0 | - | 116.5 | W | - | | W |
| December 2020 | 0.8 | 9.5 | - | 188.0 | W | - | | W |
| District of Columbia | | | | | | | | |
| December 2021 | - | - | - | - | - | - | | - |
| November 2021 | - | - | - | - | - | - | | - |
| December 2020 | - | - | - | - | - | - | | - |
| Maryland | | | | | | | | |
| December 2021 | W | 203.8 | - | 317.4 | - | - | | - |
| November 2021 | 4.0 | 180.0 | - | 246.9 | - | - | | - |
| December 2020 | 4.5 | 141.5 | - | 308.4 | - | - | | - |
| New Jersey | | | | | | | | |
| December 2021 | 5.3 | 2,089.5 | W | 260.0 | W | W | | W |
| November 2021 | 6.0 | 1,890.5 | W | 183.3 | W | W | | 1,620.6 |
| December 2020 | 4.2 | 978.3 | W | 245.6 | W | W | | 1,300.0 |
| New York | | | | | | | | |
| December 2021 | 7.0 | 2,926.0 | W | 1,357.2 | W | W | | 440.7 |
| November 2021 | 9.1 | 2,712.6 | W | 1,049.0 | W | W | | 208.5 |
| December 2020 | 5.8 | 2,156.8 | 232.5 | 1,483.7 | W | W | | 571.9 |
| Pennsylvania | | | | | | | | |
| December 2021 | 8.0 | 1,771.9 | - | 1,393.0 | W | - | | W |
| November 2021 | 8.1 | 1,552.6 | - | 1,048.7 | W | - | | W |
| December 2020 | 5.2 | 549.2 | - | 1,657.9 | W | - | | W |

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Aviation gasoline | Kerosene-type jet fuel | No. 4 fuel oil[a] | Propane (consumer grade) | Residual fuel oil | | | Total residual fuel oil |
|-----------------------|-------------------|------------------------|-------------------|--------------------------|---------------------------------|------------------------|--|-------------------------|
| | | | | | Sulfur less than or equal to 1% | Sulfur greater than 1% | | |
| Subdistrict 1C | | | | | | | | |
| December 2021 | 100.2 | 5,838.4 | - | 3,573.3 | W | 682.4 | | W |
| November 2021 | 100.3 | 5,022.2 | - | 3,257.3 | W | W | | 545.1 |
| December 2020 | 94.9 | 3,960.6 | - | 3,996.7 | - | W | | W |
| Florida | | | | | | | | |
| December 2021 | 56.0 | 3,975.9 | - | 617.8 | W | W | | 728.8 |
| November 2021 | 55.4 | 3,209.6 | - | 571.9 | W | W | | 483.2 |
| December 2020 | 55.3 | 2,731.5 | - | 689.4 | - | W | | W |
| Georgia | | | | | | | | |
| December 2021 | 16.3 | 526.7 | - | 643.7 | W | W | | 28.6 |
| November 2021 | 12.8 | 502.1 | - | 654.2 | - | W | | W |
| December 2020 | 15.5 | 282.1 | - | 719.5 | - | W | | W |
| North Carolina | | | | | | | | |
| December 2021 | 11.8 | 347.0 | - | 1,240.8 | - | W | | W |
| November 2021 | 13.2 | 326.7 | - | 1,043.1 | - | W | | W |
| December 2020 | 9.6 | 310.8 | - | 1,301.8 | - | W | | W |
| South Carolina | | | | | | | | |
| December 2021 | 7.6 | 267.3 | - | 434.7 | W | W | | W |
| November 2021 | 8.3 | 259.1 | - | 387.5 | W | W | | W |
| December 2020 | 6.1 | 169.6 | - | 520.3 | - | W | | W |
| Virginia | | | | | | | | |
| December 2021 | 6.6 | 701.0 | - | 548.4 | W | - | | W |
| November 2021 | 9.5 | 706.2 | - | 443.1 | - | - | | - |
| December 2020 | 7.5 | 452.8 | - | 614.5 | - | - | | - |
| West Virginia | | | | | | | | |
| December 2021 | 1.9 | 20.4 | - | 87.9 | - | - | | - |
| November 2021 | 1.1 | 18.6 | - | 157.5 | - | - | | - |
| December 2020 | 0.9 | 13.8 | - | 151.3 | - | - | | - |
| PAD District 2 | | | | | | | | |
| December 2021 | 87.9 | 11,700.6 | - | 12,034.5 | - | 76.7 | | 76.7 |
| November 2021 | 97.4 | 10,861.3 | - | 10,197.4 | - | 68.4 | | 68.4 |
| December 2020 | 74.2 | 9,279.0 | - | 14,102.7 | - | 94.5 | | 94.5 |
| Illinois | | | | | | | | |
| December 2021 | 7.1 | 3,087.5 | - | 1,619.1 | - | - | | - |
| November 2021 | 8.5 | 3,112.5 | - | 1,341.7 | - | - | | - |
| December 2020 | 7.5 | 2,343.6 | - | 1,720.2 | - | - | | - |
| Indiana | | | | | | | | |
| December 2021 | 8.2 | 931.0 | - | 802.9 | - | W | | W |
| November 2021 | 6.5 | 893.3 | - | 684.1 | - | W | | W |
| December 2020 | 4.6 | 790.6 | - | 880.0 | - | W | | W |
| Iowa | | | | | | | | |
| December 2021 | 2.8 | 109.4 | - | 1,134.7 | - | - | | - |
| November 2021 | 5.1 | 102.9 | - | 937.7 | - | - | | - |
| December 2020 | 4.4 | 71.6 | - | 1,429.8 | - | - | | - |
| Kansas | | | | | | | | |
| December 2021 | 5.1 | 162.2 | - | 636.6 | - | - | | - |
| November 2021 | 6.9 | 139.8 | - | 954.0 | - | - | | - |
| December 2020 | 3.1 | 120.1 | - | 1,379.7 | - | - | | - |
| Kentucky | | | | | | | | |
| December 2021 | 4.6 | 2,137.1 | - | 361.9 | - | - | | - |
| November 2021 | 4.2 | 1,806.5 | - | 337.8 | - | - | | - |
| December 2020 | 3.3 | 1,877.7 | - | 443.3 | - | - | | - |
| Michigan | | | | | | | | |
| December 2021 | 6.6 | 574.9 | - | 1,348.6 | - | W | | W |
| November 2021 | 8.6 | 569.1 | - | 1,000.7 | - | W | | W |
| December 2020 | 5.2 | 529.2 | - | 1,264.1 | - | W | | W |
| Minnesota | | | | | | | | |
| December 2021 | 7.2 | 355.0 | - | 1,324.0 | - | W | | W |
| November 2021 | 7.4 | 315.2 | - | 922.4 | - | W | | W |
| December 2020 | 6.3 | 246.2 | - | 1,370.9 | - | W | | W |
| Missouri | | | | | | | | |
| December 2021 | 8.9 | 494.8 | - | 913.5 | - | - | | - |
| November 2021 | 6.8 | 440.3 | - | 767.4 | - | - | | - |
| December 2020 | 7.9 | 253.1 | - | 1,274.2 | - | - | | - |

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Aviation gasoline | Kerosene-type jet fuel | No. 4 fuel oil[a] | Propane (consumer grade) | Residual fuel oil | | | Total residual fuel oil | | | | | |
|-------------------------------|-------------------|------------------------|-------------------|--------------------------|---------------------------------|------------------------|---------|-------------------------|--|--|--|--|--|
| | | | | | Sulfur less than or equal to 1% | Sulfur greater than 1% | | | | | | | |
| PAD District 2 (cont.) | | | | | | | | | | | | | |
| Nebraska | | | | | | | | | | | | | |
| December 2021 | 2.8 | 151.2 | - | 282.0 | - | - | W | W | | | | | |
| November 2021 | 4.7 | 135.6 | - | 210.6 | - | - | W | W | | | | | |
| December 2020 | 3.0 | 102.7 | - | 319.6 | - | - | - | - | | | | | |
| North Dakota | | | | | | | | | | | | | |
| December 2021 | 3.4 | 108.6 | - | 495.3 | - | - | - | - | | | | | |
| November 2021 | 5.6 | 113.5 | - | 462.9 | - | - | - | - | | | | | |
| December 2020 | 3.5 | 89.8 | - | 593.3 | - | - | - | - | | | | | |
| Ohio | | | | | | | | | | | | | |
| December 2021 | 9.7 | 927.0 | - | 972.1 | - | - | - | - | | | | | |
| November 2021 | 7.8 | 826.7 | - | 892.4 | - | - | - | - | | | | | |
| December 2020 | 5.3 | 590.9 | - | 1,091.5 | - | - | - | - | | | | | |
| Oklahoma | | | | | | | | | | | | | |
| December 2021 | 7.5 | 769.7 | - | 265.2 | - | - | - | - | | | | | |
| November 2021 | 6.1 | 682.0 | - | 273.8 | - | - | - | - | | | | | |
| December 2020 | 5.9 | 368.2 | - | 395.8 | - | - | - | - | | | | | |
| South Dakota | | | | | | | | | | | | | |
| December 2021 | 1.5 | 56.0 | - | 207.5 | - | - | W | W | | | | | |
| November 2021 | 2.0 | 51.6 | - | 137.0 | - | - | W | W | | | | | |
| December 2020 | 2.6 | 55.0 | - | 186.6 | - | - | W | W | | | | | |
| Tennessee | | | | | | | | | | | | | |
| December 2021 | 9.3 | 1,652.8 | - | 302.9 | - | - | W | W | | | | | |
| November 2021 | 11.0 | 1,489.8 | - | 288.1 | - | - | W | W | | | | | |
| December 2020 | 6.7 | 1,719.5 | - | 387.2 | - | - | W | W | | | | | |
| Wisconsin | | | | | | | | | | | | | |
| December 2021 | 3.2 | 183.3 | - | 1,368.2 | - | - | W | W | | | | | |
| November 2021 | 6.2 | 182.4 | - | 986.9 | - | - | W | W | | | | | |
| December 2020 | 4.9 | 120.8 | - | 1,366.4 | - | - | W | W | | | | | |
| PAD District 3 | | | | | | | | | | | | | |
| December 2021 | 71.3 | 13,764.4 | - | 8,207.6 | 910.3 | 1,278.5 | 2,188.8 | | | | | | |
| November 2021 | 77.7 | 14,249.0 | - | 8,129.9 | 1,220.0 | 1,372.1 | 2,592.0 | | | | | | |
| December 2020 | 66.8 | 10,523.9 | - | 9,832.8 | 1,795.8 | 1,058.4 | 2,854.2 | | | | | | |
| Alabama | | | | | | | | | | | | | |
| December 2021 | 6.1 | 157.3 | - | 336.0 | W | W | W | | | | | | |
| November 2021 | 10.1 | 215.8 | - | 326.1 | W | W | W | | | | | | |
| December 2020 | 7.5 | 111.8 | - | 395.1 | W | W | W | | | | | | |
| Arkansas | | | | | | | | | | | | | |
| December 2021 | 5.1 | 131.8 | - | 229.1 | - | - | - | | | | | | |
| November 2021 | 5.4 | 134.0 | - | 236.1 | - | - | - | | | | | | |
| December 2020 | 4.6 | 104.6 | - | 333.2 | - | - | - | | | | | | |
| Louisiana | | | | | | | | | | | | | |
| December 2021 | 5.2 | 2,627.0 | - | 965.3 | W | W | 434.9 | | | | | | |
| November 2021 | 7.5 | 2,131.0 | - | 800.0 | W | W | 722.0 | | | | | | |
| December 2020 | 5.8 | 1,766.7 | - | 1,070.5 | W | W | 617.7 | | | | | | |
| Mississippi | | | | | | | | | | | | | |
| December 2021 | 2.4 | 848.8 | - | 290.7 | W | - | - | W | | | | | |
| November 2021 | 4.1 | 945.8 | - | 289.5 | W | - | - | W | | | | | |
| December 2020 | 4.1 | 361.6 | - | 450.6 | W | - | - | W | | | | | |
| New Mexico | | | | | | | | | | | | | |
| December 2021 | 2.9 | 124.9 | - | 215.9 | - | - | - | - | | | | | |
| November 2021 | 5.5 | 129.8 | - | 184.7 | - | - | - | - | | | | | |
| December 2020 | 3.1 | 71.5 | - | 279.8 | - | - | - | - | | | | | |
| Texas | | | | | | | | | | | | | |
| December 2021 | 49.6 | 9,874.5 | - | 6,170.5 | 577.0 | 1,106.8 | 1,683.8 | | | | | | |
| November 2021 | 45.0 | 10,692.6 | - | 6,293.4 | 696.9 | 1,107.1 | 1,804.0 | | | | | | |
| December 2020 | 41.6 | 8,107.5 | - | 7,303.6 | 1,253.1 | 935.0 | 2,188.1 | | | | | | |

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Aviation gasoline | Kerosene-type jet fuel | No. 4 fuel oil[a] | Residual fuel oil | | | Total residual fuel oil |
|-----------------------|-------------------|------------------------|-------------------|--------------------------|---------------------------------|------------------------|-------------------------|
| | | | | Propane (consumer grade) | Sulfur less than or equal to 1% | Sulfur greater than 1% | |
| PAD District 4 | | | | | | | |
| December 2021 | 23.0 | 2,278.5 | - | 1,190.8 | - | - | - |
| November 2021 | 29.6 | 1,990.8 | - | 1,007.9 | - | - | - |
| December 2020 | 23.8 | 1,530.6 | - | 1,374.0 | - | - | - |
| Colorado | | | | | | | |
| December 2021 | 8.6 | 1,215.0 | - | 384.3 | - | - | - |
| November 2021 | 11.1 | 1,116.7 | - | 309.6 | - | - | - |
| December 2020 | 9.7 | 736.4 | - | 468.4 | - | - | - |
| Idaho | | | | | | | |
| December 2021 | 2.8 | 126.1 | - | 118.9 | - | - | - |
| November 2021 | 5.9 | 99.8 | - | 97.5 | - | - | - |
| December 2020 | W | 72.2 | - | 155.8 | - | - | - |
| Montana | | | | | | | |
| December 2021 | W | 144.9 | - | 341.7 | - | - | - |
| November 2021 | 3.4 | 105.5 | - | 257.4 | - | - | - |
| December 2020 | 4.4 | 115.7 | - | 347.5 | - | - | - |
| Utah | | | | | | | |
| December 2021 | 6.0 | 733.7 | - | 159.1 | - | - | - |
| November 2021 | 7.4 | 626.5 | - | 160.6 | - | - | - |
| December 2020 | 5.1 | 545.8 | - | 167.0 | - | - | - |
| Wyoming | | | | | | | |
| December 2021 | W | 58.8 | - | 186.7 | - | - | - |
| November 2021 | 1.9 | 42.4 | - | 182.8 | - | - | - |
| December 2020 | W | 60.5 | - | 235.4 | - | - | - |
| PAD District 5 | | | | | | | |
| December 2021 | 66.4 | 17,645.5 | - | 3,070.0 | 2,014.1 | 1,291.7 | 3,305.8 |
| November 2021 | 76.7 | 16,340.4 | - | 2,572.0 | 1,618.2 | 1,345.3 | 2,963.4 |
| December 2020 | 76.0 | 13,484.9 | - | 2,975.7 | 2,371.7 | 1,097.9 | 3,469.6 |
| Alaska | | | | | | | |
| December 2021 | W | 2,085.1 | - | W | - | - | - |
| November 2021 | W | 2,213.2 | - | W | - | - | - |
| December 2020 | W | 1,905.8 | - | W | - | - | - |
| Arizona | | | | | | | |
| December 2021 | 19.6 | 635.9 | - | 302.9 | - | - | - |
| November 2021 | 18.4 | 597.7 | - | 229.8 | - | - | - |
| December 2020 | 19.1 | 434.3 | - | 266.2 | - | - | - |
| California | | | | | | | |
| December 2021 | 33.2 | 10,505.8 | - | 1,833.0 | 910.1 | 949.4 | 1,859.4 |
| November 2021 | 38.2 | 9,190.0 | - | 1,464.9 | 594.1 | 1,066.9 | 1,661.1 |
| December 2020 | 39.8 | 7,637.1 | - | 1,677.8 | 898.1 | 822.4 | 1,720.5 |
| Hawaii | | | | | | | |
| December 2021 | W | 1,866.4 | - | W | W | W | W |
| November 2021 | W | 1,549.3 | - | W | W | W | W |
| December 2020 | W | 1,213.2 | - | W | W | W | W |
| Nevada | | | | | | | |
| December 2021 | 4.7 | 602.3 | - | 103.1 | - | - | - |
| November 2021 | 6.1 | 700.1 | - | 78.2 | - | - | - |
| December 2020 | 5.5 | 381.9 | - | 138.9 | - | - | - |
| Oregon | | | | | | | |
| December 2021 | 4.1 | 452.9 | - | 166.8 | W | - | W |
| November 2021 | 5.2 | 424.5 | - | 156.1 | W | - | W |
| December 2020 | 4.3 | 356.2 | - | 213.0 | W | - | W |
| Washington | | | | | | | |
| December 2021 | 4.1 | 1,497.1 | - | 605.5 | W | W | 571.6 |
| November 2021 | 7.1 | 1,665.7 | - | 585.3 | W | W | 363.8 |
| December 2020 | 5.7 | 1,556.3 | - | 622.7 | W | W | 742.5 |

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.
 Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state
 thousand gallons per day

| Geographic area month | Kerosene | No. 1 distillate | No. 2 fuel oil | Ultra-low sulfur | No. 2 distillate | | Total distillate and kerosene | |
|-----------------------------|----------|------------------|----------------|------------------|-------------------|------------|----------------------------------|-----------|
| | | | | | No. 2 diesel fuel | Low-sulfur | | |
| United States | | | | | | | | |
| December 2021 | W | 2,868.1 | 13,370.4 | 155,184.3 | W | W | 170,381.4 | 174,671.9 |
| November 2021 | 1,179.7 | 2,197.6 | 9,078.9 | 164,111.8 | W | W | 174,932.4 | 178,484.3 |
| December 2020 | 1,104.8 | 2,434.4 | 14,453.7 | 151,070.4 | W | W | 166,236.0 | 170,066.4 |
| PAD District 1 | | | | | | | | |
| December 2021 | 444.6 | W | 12,541.4 | 41,728.4 | - | 440.5 | 54,710.4 | 55,479.8 |
| November 2021 | 420.9 | 92.1 | 8,587.8 | 42,921.7 | - | 326.5 | 51,836.0 | 52,523.6 |
| December 2020 | 500.1 | 83.0 | 13,311.1 | 41,517.3 | - | 193.3 | 55,021.6 | 55,895.9 |
| Subdistrict 1A | | | | | | | | |
| December 2021 | W | W | 5,766.4 | W | - | W | 9,906.2 | 10,126.9 |
| November 2021 | W | W | 3,582.3 | W | - | W | 7,345.2 | 7,491.0 |
| December 2020 | W | W | 6,088.7 | W | - | W | 9,990.9 | 10,209.1 |
| Connecticut | | | | | | | | |
| December 2021 | W | W | 1,409.1 | 1,001.7 | - | - | 2,410.8 | 2,421.0 |
| November 2021 | W | W | 906.6 | 890.7 | - | - | 1,797.3 | 1,813.6 |
| December 2020 | W | W | 1,476.4 | 926.6 | - | - | 2,403.0 | 2,420.0 |
| Maine | | | | | | | | |
| December 2021 | W | W | 1,166.7 | 629.9 | - | - | 1,796.6 | 1,915.5 |
| November 2021 | 67.0 | W | 629.6 | W | - | W | 1,218.1 | 1,291.5 |
| December 2020 | W | W | 1,204.2 | 694.7 | - | - | 1,899.0 | 2,026.9 |
| Massachusetts | | | | | | | | |
| December 2021 | 17.2 | W | 1,637.6 | W | - | W | 3,253.9 | 3,283.5 |
| November 2021 | 7.1 | W | 1,067.4 | W | - | W | 2,473.2 | 2,486.0 |
| December 2020 | 11.4 | W | 1,582.4 | W | - | W | 2,945.8 | 2,965.5 |
| New Hampshire | | | | | | | | |
| December 2021 | 26.9 | W | 747.3 | 385.3 | - | - | 1,132.6 | 1,168.1 |
| November 2021 | 17.5 | W | 454.9 | 389.4 | - | - | 844.3 | 869.0 |
| December 2020 | 20.6 | W | 824.8 | 337.5 | - | - | 1,162.4 | 1,193.1 |
| Rhode Island | | | | | | | | |
| December 2021 | W | W | 415.5 | W | - | W | 723.5 | 725.5 |
| November 2021 | W | W | 260.2 | 286.6 | - | - | 546.9 | 547.6 |
| December 2020 | 1.7 | W | 615.6 | W | - | W | 1,019.4 | 1,022.7 |
| Vermont | | | | | | | | |
| December 2021 | 18.6 | W | 390.2 | 198.6 | - | - | 588.8 | 613.3 |
| November 2021 | 13.3 | W | 263.5 | 202.0 | - | - | 465.5 | 483.3 |
| December 2020 | 12.0 | W | 385.3 | 175.9 | - | - | 561.3 | 580.8 |
| Subdistrict 1B | | | | | | | | |
| December 2021 | 185.2 | W | 6,615.4 | W | - | W | 20,064.0 | 20,517.2 |
| November 2021 | 226.9 | W | 4,864.7 | W | - | W | 18,972.8 | 19,414.6 |
| December 2020 | 203.9 | W | 7,116.6 | W | - | W | 21,504.0 | 22,034.8 |
| Delaware | | | | | | | | |
| December 2021 | W | W | W | W | - | - | 519.6 | 523.9 |
| November 2021 | W | W | W | W | - | - | 615.5 | 619.5 |
| December 2020 | W | W | W | 415.6 | - | W | 475.5 | 478.7 |
| District of Columbia | | | | | | | | |
| December 2021 | - | - | W | W | - | - | 34.0 | 34.0 |
| November 2021 | - | - | W | W | - | - | 31.4 | 31.4 |
| December 2020 | - | - | W | W | - | - | 32.0 | 32.0 |
| Maryland | | | | | | | | |
| December 2021 | 14.7 | - | 450.6 | W | - | W | 2,203.2 | 2,218.0 |
| November 2021 | 16.2 | - | 333.8 | W | - | W | 2,173.4 | 2,189.6 |
| December 2020 | 19.8 | - | 531.8 | 1,733.9 | - | - | 2,265.7 | 2,285.5 |
| New Jersey | | | | | | | | |
| December 2021 | 3.2 | W | 1,115.2 | W | - | W | 4,075.4 | 4,081.5 |
| November 2021 | W | W | 768.8 | W | - | W | 4,086.2 | 4,172.7 |
| December 2020 | W | W | 1,148.3 | W | - | W | 4,668.8 | 4,731.7 |
| New York | | | | | | | | |
| December 2021 | W | 23.0 | 3,319.1 | W | - | W | 6,650.8 | 7,043.3 |
| November 2021 | 99.9 | W | 2,358.0 | W | - | W | 5,777.5 | 6,060.7 |
| December 2020 | 129.7 | 29.2 | 3,500.4 | W | - | W | 6,753.1 | 7,144.5 |
| Pennsylvania | | | | | | | | |
| December 2021 | 32.8 | 2.7 | 1,675.4 | W | - | W | 6,580.9 | 6,616.4 |
| November 2021 | 35.6 | 16.3 | 1,355.9 | W | - | W | 6,288.7 | 6,340.7 |
| December 2020 | 49.1 | 4.5 | 1,872.0 | W | - | W | 7,308.8 | 7,362.4 |

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Kerosene | No. 1 distillate | No. 2 fuel oil | Ultra-low sulfur | No. 2 distillate | | Total distillate and kerosene |
|--------------------------------|----------|------------------|----------------|------------------|-------------------|------------|----------------------------------|
| | | | | | No. 2 diesel fuel | Low-sulfur | |
| Subdistrict 1C | | | | | | | |
| December 2021 | W | W | 159.6 | 24,326.8 | - | 253.7 | 24,740.1 |
| November 2021 | W | W | 140.8 | 25,180.0 | - | 197.2 | 25,518.0 |
| December 2020 | W | W | 105.8 | W | - | W | 23,526.8 |
| Florida | | | | | | | |
| December 2021 | W | - | W | W | - | 244.8 | W |
| November 2021 | - | - | W | 7,233.5 | - | W | 7,440.9 |
| December 2020 | 0.9 | - | - | 6,425.3 | - | 14.8 | 6,440.1 |
| Georgia | | | | | | | |
| December 2021 | W | W | W | 5,192.5 | - | W | 5,199.7 |
| November 2021 | 4.2 | - | W | 5,446.5 | - | W | 5,448.7 |
| December 2020 | W | W | - | W | - | W | 5,111.9 |
| North Carolina | | | | | | | |
| December 2021 | 39.5 | - | 34.6 | 3,917.0 | - | - | 3,951.6 |
| November 2021 | W | W | 30.0 | 4,087.7 | - | - | 4,117.7 |
| December 2020 | 65.7 | - | W | W | - | - | 3,978.4 |
| South Carolina | | | | | | | |
| December 2021 | 8.1 | - | W | 2,919.5 | - | W | 2,934.2 |
| November 2021 | 7.4 | - | W | 3,153.1 | - | W | 3,165.8 |
| December 2020 | 12.9 | - | W | 2,907.6 | - | W | 2,913.5 |
| Virginia | | | | | | | |
| December 2021 | W | W | 59.8 | W | - | W | 4,099.5 |
| November 2021 | W | W | 64.3 | 4,130.7 | - | - | 4,195.0 |
| December 2020 | 30.6 | - | 42.3 | 3,951.4 | - | - | 3,993.7 |
| West Virginia | | | | | | | |
| December 2021 | W | W | 34.1 | W | - | - | W |
| November 2021 | W | W | 21.4 | 1,128.6 | - | - | 1,150.0 |
| December 2020 | 7.4 | 1.7 | 38.5 | 1,050.7 | - | - | 1,089.2 |
| PAD District 2 | | | | | | | |
| December 2021 | 102.3 | 1,952.4 | 63.1 | W | W | - | 47,358.6 |
| November 2021 | 107.2 | 1,409.8 | 78.2 | W | W | - | 52,551.7 |
| December 2020 | 125.5 | 1,688.9 | 33.8 | W | W | - | 45,953.6 |
| Illinois | | | | | | | |
| December 2021 | 8.1 | 83.5 | - | 5,400.3 | - | - | 5,400.3 |
| November 2021 | 7.8 | 55.6 | - | 6,003.1 | - | - | 6,003.1 |
| December 2020 | 10.4 | 86.9 | - | 5,153.6 | - | - | 5,153.6 |
| Indiana | | | | | | | |
| December 2021 | 18.3 | 11.2 | - | W | W | - | 4,070.9 |
| November 2021 | 17.8 | 9.8 | - | W | W | - | 4,453.1 |
| December 2020 | 20.9 | 16.7 | - | 4,124.6 | - | - | 4,124.6 |
| Iowa | | | | | | | |
| December 2021 | 1.2 | 273.5 | W | W | - | - | 2,805.2 |
| November 2021 | 0.4 | 191.0 | W | W | - | - | 3,500.1 |
| December 2020 | 1.0 | 264.3 | W | W | - | - | 2,462.7 |
| Kansas | | | | | | | |
| December 2021 | 4.4 | 156.3 | - | 2,629.8 | - | - | 2,629.8 |
| November 2021 | 18.5 | 146.9 | - | 2,914.6 | - | - | 2,914.6 |
| December 2020 | W | W | W | W | - | - | 2,704.6 |
| Kentucky | | | | | | | |
| December 2021 | W | W | W | 2,625.3 | W | - | 2,657.0 |
| November 2021 | W | W | W | 2,795.8 | W | - | 2,812.5 |
| December 2020 | W | W | - | W | W | - | 2,703.9 |
| Michigan | | | | | | | |
| December 2021 | W | W | W | 3,235.3 | W | - | 3,237.7 |
| November 2021 | 7.1 | 22.9 | W | 3,536.5 | W | - | 3,538.7 |
| December 2020 | 15.5 | 25.7 | W | 3,159.7 | W | - | 3,162.0 |
| Minnesota | | | | | | | |
| December 2021 | 7.8 | 421.6 | W | W | - | - | 2,336.8 |
| November 2021 | W | W | 2.1 | 2,819.2 | - | - | 2,821.3 |
| December 2020 | W | W | W | W | - | - | 2,252.9 |
| Missouri | | | | | | | |
| December 2021 | 0.8 | 29.8 | W | W | - | - | 4,230.5 |
| November 2021 | 0.5 | 21.5 | W | W | - | - | 4,411.4 |
| December 2020 | 1.1 | 31.1 | W | W | - | - | 4,118.6 |
| See footnotes at end of table. | | | | | | | |

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Kerosene | No. 1 distillate | No. 2 fuel oil | No. 2 distillate | | | | Total distillate and kerosene | | | | |
|-------------------------------|----------|------------------|----------------|-------------------|------------|-------------|------------------|----------------------------------|--|--|--|--|
| | | | | No. 2 diesel fuel | | | | | | | | |
| | | | | Ultra-low sulfur | Low-sulfur | High-sulfur | No. 2 distillate | | | | | |
| PAD District 2 (cont.) | | | | | | | | | | | | |
| Nebraska | | | | | | | | | | | | |
| December 2021 | - | 169.4 | - | 2,021.0 | - | - | 2,021.0 | 2,190.4 | | | | |
| November 2021 | - | 107.6 | - | 2,318.0 | - | - | 2,318.0 | 2,425.6 | | | | |
| December 2020 | - | 145.2 | - | 1,699.5 | - | - | 1,699.5 | 1,844.7 | | | | |
| North Dakota | | | | | | | | | | | | |
| December 2021 | W | W | - | 1,178.7 | - | - | 1,178.7 | 1,578.0 | | | | |
| November 2021 | W | W | - | 1,584.7 | - | - | 1,584.7 | 1,852.0 | | | | |
| December 2020 | W | W | - | 1,224.3 | - | - | 1,224.3 | 1,451.8 | | | | |
| Ohio | | | | | | | | | | | | |
| December 2021 | W | W | - | W | W | - | 5,265.6 | 5,301.0 | | | | |
| November 2021 | W | W | W | 5,606.5 | W | - | 5,638.4 | 5,676.1 | | | | |
| December 2020 | 25.2 | 18.4 | - | 5,437.4 | - | - | 5,437.4 | 5,481.0 | | | | |
| Oklahoma | | | | | | | | | | | | |
| December 2021 | W | W | - | 4,005.0 | - | - | 4,005.0 | 4,025.5 | | | | |
| November 2021 | W | W | W | W | - | - | 4,198.6 | 4,206.0 | | | | |
| December 2020 | W | W | - | 3,525.3 | - | - | 3,525.3 | 3,544.7 | | | | |
| South Dakota | | | | | | | | | | | | |
| December 2021 | - | 179.2 | W | W | - | - | 821.3 | 1,000.5 | | | | |
| November 2021 | - | 110.1 | W | W | - | - | 1,027.7 | 1,137.8 | | | | |
| December 2020 | - | 148.1 | W | W | - | - | 769.5 | 917.6 | | | | |
| Tennessee | | | | | | | | | | | | |
| December 2021 | W | W | W | W | - | - | 3,959.3 | 3,966.8 | | | | |
| November 2021 | 8.4 | - | W | W | - | - | 4,117.4 | 4,125.8 | | | | |
| December 2020 | 10.4 | - | - | 3,934.0 | - | - | 3,934.0 | 3,944.4 | | | | |
| Wisconsin | | | | | | | | | | | | |
| December 2021 | 3.1 | 169.1 | W | W | - | - | 2,739.6 | 2,911.8 | | | | |
| November 2021 | 2.9 | 127.1 | W | W | - | - | 3,212.0 | 3,342.0 | | | | |
| December 2020 | 2.2 | 155.4 | W | W | - | - | 2,680.8 | 2,838.4 | | | | |
| PAD District 3 | | | | | | | | | | | | |
| December 2021 | 607.7 | 1.9 | 704.4 | 38,792.3 | - | 835.5 | 40,332.2 | 40,941.7 | | | | |
| November 2021 | 638.1 | 1.5 | 354.7 | 39,913.0 | - | 922.5 | 41,190.1 | 41,829.7 | | | | |
| December 2020 | W | W | 1,046.7 | 35,920.1 | - | 208.3 | 37,175.1 | 37,637.5 | | | | |
| Alabama | | | | | | | | | | | | |
| December 2021 | W | - | - | 2,950.7 | - | W | W | 2,970.1 | | | | |
| November 2021 | W | - | - | 3,001.0 | - | W | W | 3,038.4 | | | | |
| December 2020 | W | - | - | 3,076.5 | - | W | W | 3,132.9 | | | | |
| Arkansas | | | | | | | | | | | | |
| December 2021 | - | W | W | W | - | - | W | 2,348.9 | | | | |
| November 2021 | - | W | W | W | - | - | W | 2,406.0 | | | | |
| December 2020 | - | W | - | W | - | - | W | 2,193.8 | | | | |
| Louisiana | | | | | | | | | | | | |
| December 2021 | W | W | - | 5,004.3 | - | 169.6 | 5,173.9 | 5,762.4 | | | | |
| November 2021 | W | W | W | W | - | W | 5,454.4 | 6,054.4 | | | | |
| December 2020 | W | W | - | 5,194.8 | - | 60.4 | 5,255.2 | 5,674.0 | | | | |
| Mississippi | | | | | | | | | | | | |
| December 2021 | W | - | - | W | - | - | W | 2,365.8 | | | | |
| November 2021 | W | - | - | W | - | - | W | 2,473.2 | | | | |
| December 2020 | W | - | - | W | - | - | W | 2,118.9 | | | | |
| New Mexico | | | | | | | | | | | | |
| December 2021 | - | W | W | W | - | - | W | 2,303.9 | | | | |
| November 2021 | - | W | W | W | - | - | W | 2,270.2 | | | | |
| December 2020 | - | W | - | W | - | - | W | 2,159.8 | | | | |
| Texas | | | | | | | | | | | | |
| December 2021 | W | W | 687.0 | W | - | W | 25,188.0 | 25,190.6 | | | | |
| November 2021 | W | W | 283.9 | 24,700.5 | - | 601.0 | 25,585.4 | 25,587.5 | | | | |
| December 2020 | W | W | 1,046.7 | 21,178.1 | - | W | 22,355.8 | 22,358.0 | | | | |

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

| Geographic area month | Kerosene | No. 1 distillate | No. 2 fuel oil | Ultra-low sulfur | No. 2 distillate | | | Total distillate and kerosene |
|--------------------------|----------|------------------|----------------|------------------|-------------------|------------|-------------|----------------------------------|
| | | | | | No. 2 diesel fuel | Low-sulfur | High-sulfur | |
| PAD District 4 | | | | | | | | |
| December 2021 | W | W | W | W | - | - | - | 9,147.8 |
| November 2021 | W | W | W | W | - | - | - | 9,741.0 |
| December 2020 | W | W | W | W | - | - | - | 8,593.2 |
| Colorado | | | | | | | | |
| December 2021 | W | W | - | 2,374.1 | - | - | - | 2,374.1 |
| November 2021 | W | W | - | 2,555.0 | - | - | - | 2,555.0 |
| December 2020 | - | 63.5 | - | 2,206.8 | - | - | - | 2,206.8 |
| Idaho | | | | | | | | |
| December 2021 | - | 22.6 | W | W | - | - | - | 1,631.4 |
| November 2021 | - | 17.8 | W | W | - | - | - | 1,554.2 |
| December 2020 | - | 14.7 | W | W | - | - | - | 1,502.3 |
| Montana | | | | | | | | |
| December 2021 | - | 108.0 | W | W | - | - | - | 1,483.1 |
| November 2021 | - | 75.2 | W | W | - | - | - | 1,720.2 |
| December 2020 | - | 67.4 | W | W | - | - | - | 1,454.9 |
| Utah | | | | | | | | |
| December 2021 | W | W | - | 2,125.9 | - | - | - | 2,125.9 |
| November 2021 | W | W | W | W | - | - | - | 2,267.2 |
| December 2020 | W | W | W | W | - | - | - | 2,160.3 |
| Wyoming | | | | | | | | |
| December 2021 | - | 69.0 | - | W | - | - | - | 1,533.3 |
| November 2021 | - | 47.3 | - | W | - | - | - | 1,644.3 |
| December 2020 | - | 56.5 | - | W | - | - | - | 1,268.9 |
| PAD District 5 | | | | | | | | |
| December 2021 | 19.1 | 539.3 | W | W | - | W | 18,832.5 | 19,390.8 |
| November 2021 | W | W | W | W | - | W | 19,613.5 | 20,114.8 |
| December 2020 | 19.0 | 434.6 | W | W | W | W | 19,492.5 | 19,946.2 |
| Alaska | | | | | | | | |
| December 2021 | - | W | W | 71.6 | - | - | W | W |
| November 2021 | - | W | W | W | - | - | W | W |
| December 2020 | - | W | W | W | - | - | W | 554.4 |
| Arizona | | | | | | | | |
| December 2021 | - | - | - | 3,399.1 | - | - | 3,399.1 | 3,399.1 |
| November 2021 | - | - | - | 3,562.8 | - | - | 3,562.8 | 3,562.8 |
| December 2020 | - | - | - | 3,433.5 | - | - | 3,433.5 | 3,433.5 |
| California | | | | | | | | |
| December 2021 | 11.3 | - | - | W | - | W | 8,598.7 | 8,610.0 |
| November 2021 | 7.6 | - | - | W | - | W | 8,671.5 | 8,679.1 |
| December 2020 | 10.0 | - | - | W | - | W | 9,085.1 | 9,095.1 |
| Hawaii | | | | | | | | |
| December 2021 | - | - | - | 313.4 | - | W | W | W |
| November 2021 | - | - | - | 395.4 | - | W | W | W |
| December 2020 | - | - | - | 380.8 | W | W | 611.5 | 611.5 |
| Nevada | | | | | | | | |
| December 2021 | W | W | W | W | - | - | 1,354.5 | 1,362.5 |
| November 2021 | W | W | W | W | - | - | 1,550.6 | 1,556.3 |
| December 2020 | W | W | W | W | - | - | W | 1,335.4 |
| Oregon | | | | | | | | |
| December 2021 | W | W | - | W | - | W | 1,943.2 | 1,961.3 |
| November 2021 | - | W | - | 2,095.4 | - | W | W | 2,141.4 |
| December 2020 | W | W | - | W | - | W | 2,074.5 | 2,094.2 |
| Washington | | | | | | | | |
| December 2021 | W | 9.9 | W | W | - | W | W | 2,829.8 |
| November 2021 | W | W | W | 2,856.9 | - | W | 2,901.4 | 2,908.6 |
| December 2020 | W | W | W | 2,793.2 | - | W | 2,812.2 | 2,822.1 |

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.